JAN 18 1932

JANUARY, 1932

# SURVEY OF CURRENT BUSINESS

UNITED STATES
DEPARTMENT OF COMMERCE
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WASHINGTON

VOLUME 12 NUMBER 1

# Looking ahead to business

## What is ahead?

What demand will there be for your products this year? What price will you pay for raw materials? Will the results of your operations be written in black or in red ink?

A score of questions; many answers. The correct reply will be made only after consistent, insistent, persistent research, covering not only your own specific industry but also related undertakings and general economic conditions.

The correct reply will be individual. Your prediction will differ from that of Jones, the textile man, or Brown, the steel man. It may differ decidedly from that of your closest competitor. It may differ even though you use the same foundation data—the SURVEY OF CURRENT BUSINESS, for example.

Therein lies Progress. Independence of thought—after studying the facts of production, distribution, employment, finance, from all angles and all points of prejudice! Independence of action—such as discards old products, creates new industries! Financial independence!

Volume 12 JANUARY, 1932 Number 1

WEEKLY DATA THROUGH DECEMBER 26, 1931
MONTHLY DATA THROUGH NOVEMBER

# SURVEY OF CURRENT BUSINESS

PUBLISHED BY

UNITED STATES DEPARTMENT OF COMMERCE
WASHINGTON

## CONTENTS

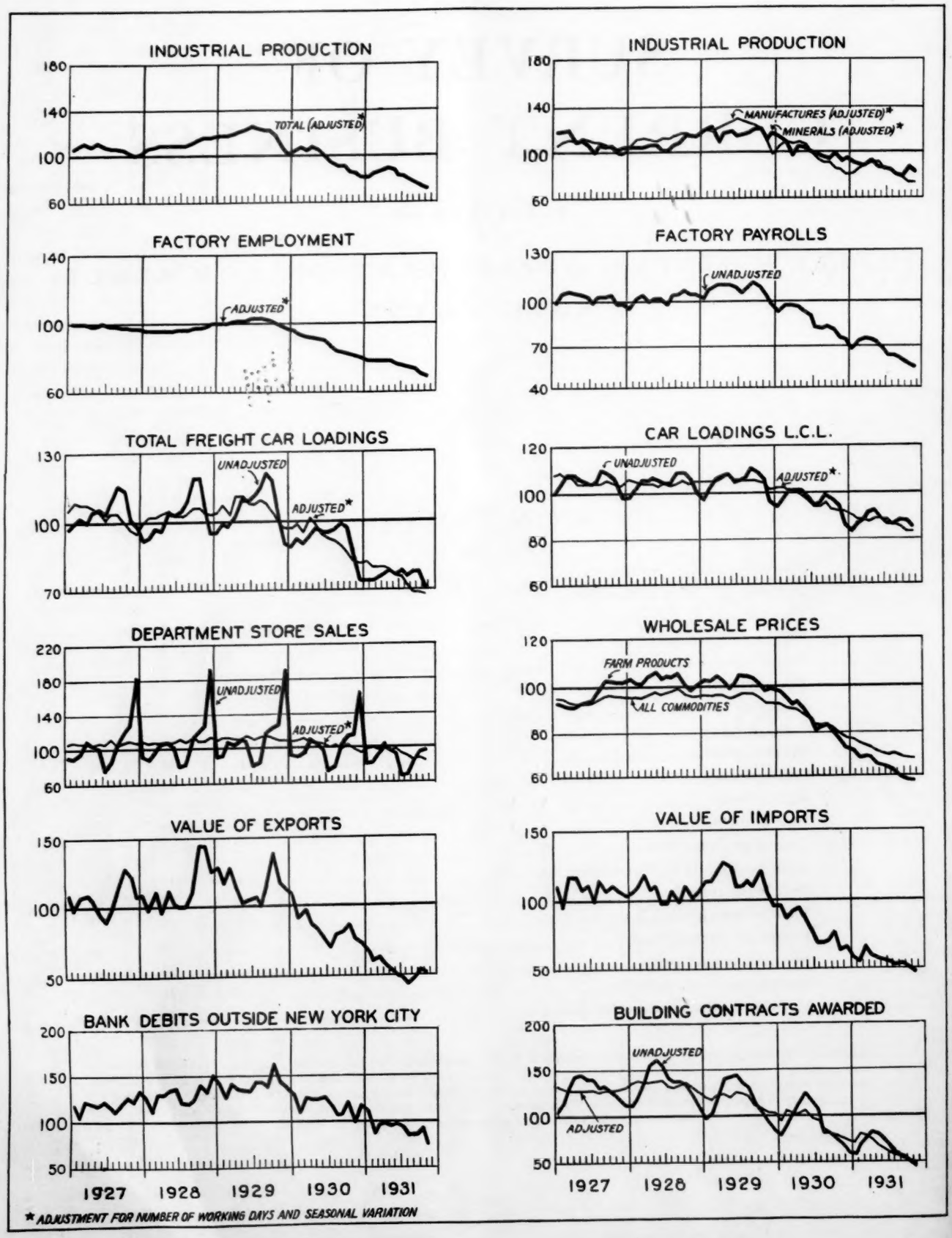
| | Page |
|---|---|
| Monthly business indicators | 2 |
| Business situation summarized | 3 |
| Finance | 4 |
| 1931 in comparison | 6 |
| Commodity prices | 7 |
| Employment | 8 |
| Domestic trade | 9 |
| Foreign trade | 10 |
| Transportation | 11 |
| Construction | 12 |
| Agriculture | 13 |
| Iron and steel industry | 14 |
| Chemical industries | 15 |
| Automobile and rubber industries | 16 |
| Textile industry | 17 |
| Food industries | 18 |
| Forest products industry | 19 |
| New and revised series | 20 |
| Weekly business statistics | 21 |
| Monthly business statistics (Index) | 22 |

Subscription price of the SURVEY OF CURRENT BUSINESS is $1.50 a year which includes the 12 monthly numbers, the annual supplement, and the 52 weekly supplements; single copies (monthly), 10 cents; annual supplement, 25 cents. Foreign subscriptions without weekly supplements, $2.50; single copies (monthly issues), including postage, 14 cents; annual supplement, 36 cents. Make remittances only to Superintendent of Documents, Washington, D. C., by postal money order, express order, or New York draft. Currency at sender's risk. Postage stamps or foreign money not accepted

93114—32——1

# Monthly Business Indicators

**1923-1925=100**



General
DEPOSITED BY THE
UNITED STATES OF AMERICA



# Business Situation Summarized

DEVELOPMENTS in the general business situation were mixed in November and while the trend continued downward, there were a number of exceptions in individual industries and the rate of recession was less marked than for the past several months. December is normally a dull month and recent weeks have brought some additional reduction in productive activity. Retail trade has continued to expand and, in so far as department stores are concerned, the November increase was of about the usual seasonal proportions. Industrial production has receded somewhat further following the trend maintained since the culmination of the spring rise, but the output of manufacturing industries alone was as high as in October. Mineral production was lower, with particularly large reductions in the output of iron ore and coal, offset partially by an increase in the petroleum output. Among the manufacturing industries the seasonally adjusted indexes for iron and steel, automobiles, and tobacco manufacturing were higher, while the indexes for the leather and food products industries remained unchanged. The decline in the general index as compared with a year ago was 14 per cent, somewhat less than the drop in the preceding month as well as for the cumulative decline to date of over 15 per cent. Building activities have slumped further and the fall in the final quarter of 1931 was pronounced.

Employment in the retail trade group has continued the seasonal expansion which began in September, but employment decreased in all other groups, excepting rubber products, in November. After adjustment for seasonal factors, the indexes for the automotive and food product industries advanced. Factory employment and pay rolls continued downward.

Movement of traffic on the railroads declined in November, although the drop was of only slightly more than seasonal proportions. Total loadings for the month were 19 per cent below last year and the cumulative total for the 11 months was nearly one-fifth below the same period of 1930. Loadings of l. c. l. merchandise were off by the usual seasonal amount, and to date such loadings have averaged less than 10 per cent below a year ago. The drop in foreign trade in November was of greater than seasonal proportion; exports were lower by the usual seasonal amount, but the fall in imports was in excess of normal.

Financial conditions have improved somewhat since October with a drop in bank failures and a return flow of hoarded currency to the banks. Wholesale prices were maintained at the October level and the general index has varied less than 3 per cent since the rapid decline was arrested in June.

## MONTHLY BUSINESS INDEXES

| Year and month | Industrial production | | | Factory employment and pay rolls | | Freight car loadings | | | | Department store sales, value | | Foreign trade, value | | Bank debits outside New York City | Building contracts, all types, value, adjusted | Wholesale prices | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Total | | Merchandise, l. c. l. | | | | | | | | | | |
| | Total, adjusted [1] | Manufactures, adjusted [1] | Minerals, adjusted [1] | Number of employees, adjusted [1] | Amount of pay rolls, unadjusted | Unadjusted [2] | Adjusted [1] | Unadjusted [2] | Adjusted [1] | Unadjusted [2] | Adjusted [1] | Exports | Imports | | | Combined index, 404 commodities | Farm products | Other than farm products and foods |
| | Monthly average 1923-1925=100 | | | | | | | | | | | | | | | Monthly average 1926=100 | | |
| 1929: November | 108 | 108 | 110 | 99 | 103 | 102 | 102 | 106 | 104 | 125 | 108 | 116 | 105 | 144.4 | 103 | 94.4 | 101.1 | 91.7 |
| 1930: | | | | | | | | | | | | | | | | | | |
| November | 84 | 83 | 92 | 81 | 75 | 86 | 84 | 94 | 92 | 113 | 98 | 76 | 63 | 99.8 | 76 | 80.4 | 79.3 | 80.1 |
| December | 82 | 80 | 94 | 80 | 74 | 74 | 84 | 86 | 92 | 165 | 94 | 72 | 65 | 117.2 | 73 | 78.4 | 75.2 | 79.0 |
| 1931: | | | | | | | | | | | | | | | | | | |
| January | 82 | 81 | 90 | 78 | 68 | 74 | 82 | 83 | 90 | 79 | 97 | 66 | 57 | 110.0 | 71 | 77.0 | 73.5 | 77.8 |
| February | 86 | 85 | 88 | 78 | 73 | 74 | 80 | 87 | 89 | 80 | 98 | 59 | 54 | 86.6 | 79 | 75.5 | 70.1 | 77.1 |
| March | 87 | 87 | 87 | 78 | 75 | 75 | 80 | 89 | 89 | 92 | 97 | 62 | 65 | 98.4 | 77 | 74.5 | 70.6 | 75.6 |
| April | 89 | 89 | 92 | 78 | 74 | 77 | 80 | 91 | 88 | 101 | 106 | 57 | 58 | 99.5 | 73 | 73.3 | 70.1 | 74.2 |
| May | 89 | 89 | 86 | 78 | 72 | 79 | 79 | 92 | 89 | 97 | 97 | 54 | 56 | 95.6 | 66 | 71.3 | 67.1 | 73.2 |
| June | 84 | 84 | 85 | 76 | 68 | 77 | 77 | 89 | 89 | 90 | 95 | 49 | 55 | 98.4 | 64 | 70.0 | 65.4 | 71.9 |
| July | 83 | 83 | 84 | 75 | 64 | 78 | 76 | 87 | 88 | 65 | 91 | 48 | 54 | 93.5 | 61 | 70.0 | 64.9 | 71.8 |
| August | 79 | 79 | 79 | 74 | 64 | 76 | 72 | 86 | 86 | 67 | 88 | 43 | 52 | 83.8 | 59 | 70.2 | 63.5 | 72.3 |
| September | 76 | 76 | 77 | 73 | 62 | 78 | 69 | 88 | 85 | 87 | 84 | 48 | 53 | 84.3 | 59 | 69.1 | 60.5 | 72.0 |
| October | 73 | 71 | 85 | 70 | 59 | 78 | 69 | 87 | 83 | 93 | 86 | 54 | 52 | 91.9 | 55 | 68.4 | 58.8 | 71.4 |
| **November** | **72** | **71** | **81** | **69** | **56** | **70** | **68** | **85** | **83** | **97** | **85** | **51** | **46** | **74.0** | **49** | **68.3** | **58.7** | **71.8** |
| Monthly average January through November: | | | | | | | | | | | | | | | | | | |
| 1929 | 120 | 121 | 115 | 101 | 109 | 107 | ------- | 105 | ------- | 103 | ------- | 115 | 115 | 140.7 | 118 | 96.8 | 105.0 | 92.8 |
| 1930 | 97 | 97 | 100 | 88 | 89 | 93 | ------- | 97 | ------- | 96 | ------- | 85 | 80 | 117.2 | 92 | 87.1 | 89.7 | 85.6 |
| **1931** | **82** | **81** | **85** | **75** | **67** | **76** | ------- | **88** | ------- | **86** | ------- | **54** | **55** | **92.4** | **65** | **71.6** | **65.7** | **73.6** |

[1] Adjusted for seasonal variation.

[2] Adjusted for number of working days.

# Finance—Credit and Banking

THE general banking and credit statistics of November reflected a steady easing of a situation which had been featured during part of the previous month by heavy gold withdrawals and by firming money rates. Money in circulation assumed only seasonal proportions in contrast with the heavy withdrawals of currency during October. Bank failures assumed much smaller proportions than in the immediately preceding months.

Liquidation of bank credit continued throughout November and the first half of December but at a somewhat less marked rate than during October. Loans on securities by reporting member banks expanded temporarily after the middle of November, owing apparently to the withdrawal of the outstanding nonbankers' loans from the call market. On the whole, however, loans on securities declined steadily throughout the month and continued during the first half of December. Loans other than those on securities also followed a downward course. Liquidation of investments was somewhat greater than that of loans.

Federal reserve bank credit declined during November but tended upward again during December. The latter was due largely to seasonal currency needs and to Treasury operations which added a Treasury overdraft of nearly $200,000,000 to the reserve bank portfolio over the middle-of-the-month financing period. Bills discounted by the reserve banks remained practically unchanged during November but rose sharply after the middle of December when the payment of the Treasury overdraft reduced the Government security holdings of the system.

Money in circulation increased at a relatively slow rate during November but seasonal needs raised the total to a new high record of $5,733,000,000 during the third week of December. In addition to an evidence of a decline in hoarding the month's gold movements reflected an increasing degree of confidence in the general credit situation. Since the heavy outflow of October the metal has been flowing back and a large proportion has been released from earmark. "Window-dressing" operations by foreign banks for the year end have led to renewed exports on a small scale and to some additional earmarking during December but the nature of these movements suggests that they will be only temporary. A large part of the increase in our gold holdings was due to heavy shipments by Japan which amounted to $76,000,000 in November and continued unabated until the country's suspension of gold payments on December 14.

Current statistics on savings banks deposits show no important changes. Postal savings deposits continued to increase during November but at a slightly reduced rate.

## CREDIT AND BANKING STATISTICS

| Year and month | Bank debits | | | Reporting member banks Wednesday closest to end of month | | | Condition of Federal reserve banks, end of month | | | | | Total bankers' acceptances outstanding end of month | Net gold imports including gold released from earmark | Money in circulation | Deposits New York State savings banks | Postal savings, balance to credit of depositors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | New York City | Outside New York City | Canada | Loans on securities | All other loans | Investments | Total bills discounted | Total bills bought in the open market | Total United States securities | Total reserve bank credit | Member bank reserve account | | | | | |
| | MILLIONS OF DOLLARS | | | | | | | | | | | | | | | Thousands of dollars |
| 1929: November | 53,604 | 28,486 | 4,177 | 7,889 | 9,809 | 5,655 | 1,030 | 256 | 326 | 1,677 | 2,458 | 1,658 | −22.2 | 4,845 | 4,333 | 163,671 |
| 1930: | | | | | | | | | | | | | | | | |
| November | 22,490 | 19,685 | 2,974 | 7,768 | 8,766 | 6,800 | 275 | 175 | 599 | 1,079 | 2,373 | 1,571 | 33.1 | 4,528 | 4,666 | 200,668 |
| December | 29,001 | 23,113 | 3,012 | 7,814 | 8,449 | 6,693 | 251 | 364 | 729 | 1,373 | 2,471 | 1,556 | 17.5 | 4,823 | 4,792 | 245,379 |
| 1931: | | | | | | | | | | | | | | | | |
| January | 24,557 | 21,697 | 2,668 | 7,379 | 8,374 | 6,843 | 232 | 125 | 610 | 980 | 2,398 | 1,520 | 46.3 | 4,695 | 4,888 | 278,353 |
| February | 20,948 | 17,084 | 2,535 | 7,313 | 8,151 | 7,183 | 198 | 109 | 599 | 925 | 2,343 | 1,520 | 18.6 | 4,598 | 4,928 | 292,059 |
| March | 27,589 | 19,421 | 2,570 | 7,256 | 8,126 | 7,351 | 250 | 124 | 599 | 990 | 2,428 | 1,467 | 28.6 | 4,590 | 5,018 | 302,658 |
| April | 26,821 | 19,620 | 2,786 | 7,052 | 7,941 | 7,903 | 157 | 163 | 598 | 937 | 2,371 | 1,422 | 42.0 | 4,647 | 5,059 | 313,775 |
| May | 25,072 | 18,858 | 3,172 | 6,867 | 7,863 | 7,807 | 174 | 125 | 598 | 917 | 2,389 | 1,413 | 53.6 | 4,679 | 5,083 | 325,028 |
| June | 25,893 | 19,406 | 2,694 | 6,746 | 7,945 | 7,795 | 149 | 106 | 668 | 943 | 2,381 | 1,368 | 156.1 | 4,750 | 5,156 | 347,417 |
| July | 21,007 | 18,444 | 2,400 | 6,544 | 7,942 | 7,810 | 195 | 73 | 678 | 976 | 2,367 | 1,228 | −10.2 | 4,836 | 5,149 | 372,457 |
| August | 17,501 | 16,526 | 2,244 | 6,519 | 7,879 | 7,865 | 255 | 215 | 728 | 1,255 | 2,373 | 1,090 | 41.5 | 4,947 | 5,173 | 414,986 |
| September | 20,073 | 16,627 | 2,451 | 6,346 | 7,845 | 7,916 | 328 | 469 | 742 | 1,578 | 2,364 | 996 | −258.5 | 5,133 | 5,231 | 460,915 |
| October | 20,678 | 18,125 | 2,587 | 5,897 | 7,624 | 7,700 | 728 | 681 | 727 | 2,184 | 2,167 | 1,040 | −445.3 | 5,478 | 5,217 | 527,130 |
| **November** | **14,464** | **14,605** | ..... | **5,807** | **7,543** | **7,506** | **718** | **452** | **717** | **1,931** | **2,051** | **1,002** | **115.0** | **5,518** | **5,213** | **555,569** |

# Finance—Security and Money Rates

ACTIVITY in the security markets during November was less marked than during October. Stock prices rose for several days early in November and then receded slowly throughout the rest of the month. The share turnover was comparatively light with sales on most days remaining within 1,500,000 shares. The decline in quotations continued during the first half of December. By the beginning of that month many issues had reached their October lows, particularly railroad securities.

Bond prices showed rather wide movements during November. On the whole prices were downward and have continued this trend during December. At times United States Government issues showed evidences of weakness but on the whole held up better than the general list. After the middle of November second grade rail issues were particularly weak. During the period under review the market has, however, been a thin one.

Reflecting foreign conditions generally the prices on foreign exchanges moved irregularly. The rise in the November index of British stock prices was no doubt due to the depreciation of the pound sterling the full effects of which have had time to make themselves felt. The Berlin Bourse remained closed.

New security issues continued on a low level. November offerings were small although above the October figure. The first railroad issue since September and several public utility issues accounted for the rise. There was no indication of a revival of foreign flotations. The situation has been the same during the first half of December.

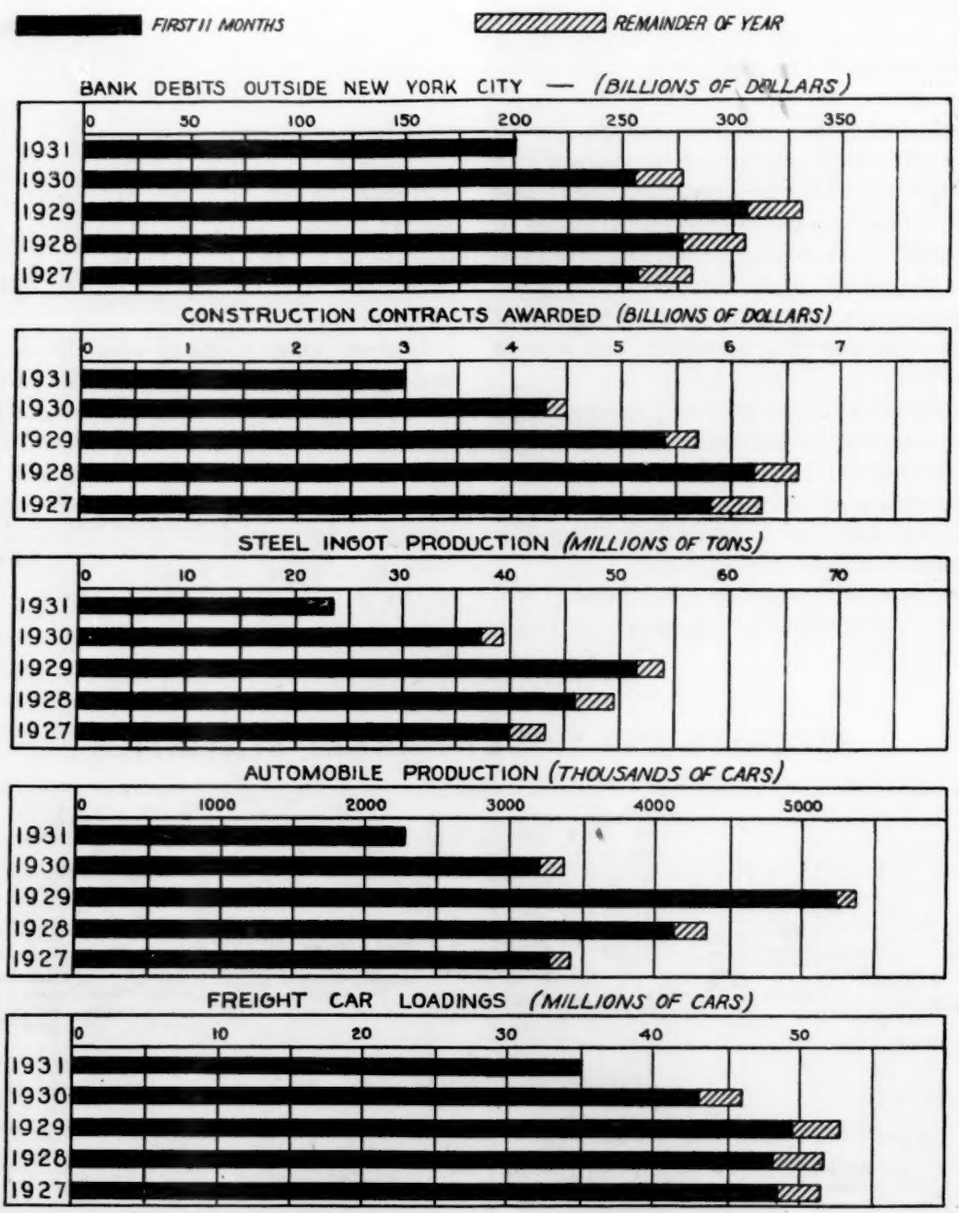
For November as a whole money rates showed little change. Bill rates early in the month tended downward owing to a demand which became keen late in the month when funds previously used by nonbankers in the call loan market were released. Late in the month rates tightened again when banks offered more bills to the market. The month's investment demand was reflected in the general absence of offerings to the Federal reserve banks. Commercial paper rates showed slight reductions toward the middle of the month while call rates showed little change during the whole period under review.

Brokers' loans declined steadily during November and the first half of December. The total reported by the New York City member banks stood at $611,000,000 by the third week of December and represented the smallest figure since early in 1918 and a decline of 91 per cent since the first week of October, 1929. The extent of brokers' loan liquidation since November, 1929, is indicated by a drop from 6.32 to 2.35 per cent in the ratio of these loans to the market value of all listed shares.

## SECURITY AND MONEY MARKET STATISTICS

| Year and month | Stock prices | Reported sales of stocks | Common-stock yields | Price indices of foreign listed common stock | | | Bond yields | New capital issues | Long-term real estate bonds | Total dividend and interest payments | Range of open market money rates New York | | | Brokers' loans | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | London | Paris | Berlin | | | | | Call money renewal | Time loans | Commercial paper | Made by reporting member banks in N.Y.C., Wed. closest to end of month | Reported by the New York Stock Exchange, end of month | Ratio to market value |
| | Rel. to 1926 | Thousands of shares | Per cent | Rel. to Dec. 31, 1923 | Relative to 1913 | Price to par weighted | Per cent | Thousands of dollars | | | Per cent | | | Millions of dollars | | Per cent |
| 1929: November | 151.1 | 72,455 | 4.54 | 117.91 | 489 | 135.2 | 4.70 | 186,793 | 7,820 | 553,450 | 5.44 | 4¾-6 | 5⅞-6¼ | 3,450 | 4,017 | 6.32 |
| 1930: | | | | | | | | | | | | | | | | |
| November | 116.7 | 51,946 | 5.43 | 92.16 | 395 | 103.4 | 4.46 | 137,622 | 9,965 | 595,028 | 2.00 | 2 -2¼ | 2¾-3 | 2,111 | 2,162 | 4.06 |
| December | 109.4 | 58,764 | 5.62 | 89.94 | 378 | 97.0 | 4.55 | 180,872 | 29,877 | 719,527 | 2.23 | 2 -2½ | 2¾-3 | 1,926 | 1,894 | 3.86 |
| 1931: | | | | | | | | | | | | | | | | |
| January | 112.3 | 52,543 | 5.50 | 86.39 | 349 | 90.5 | 4.43 | 399,848 | 4,520 | 1,121,434 | 1.57 | 1¾-2½ | 2¾-3 | 1,734 | 1,720 | 3.30 |
| February | 119.8 | 64,145 | 5.12 | 83.92 | 365 | 84.7 | 4.44 | 74,251 | 3,590 | 523,807 | 1.50 | 1¾-2 | 2½-2¾ | 1,798 | 1,840 | 3.22 |
| March | 121.6 | 65,494 | 4.95 | 80.70 | 373 | 97.3 | 4.41 | 269,030 | 2,015 | 594,282 | 1.55 | 2 -2¼ | 2½ | 1,875 | 1,909 | 3.58 |
| April | 109.2 | 54,335 | 5.43 | 81.02 | 362 | 101.2 | 4.43 | 267,471 | 7,235 | 748,873 | 1.52 | 1¾-2¼ | 2¼-2½ | 1,730 | 1,651 | 3.40 |
| May | 98.0 | 46,661 | 5.95 | 77.63 | 346 | 96.6 | 4.43 | 169,360 | 9,485 | 559,624 | 1.45 | 1¼-2 | 2 -2¼ | 1,539 | 1,435 | 3.37 |
| June | 95.1 | 58,719 | 5.96 | 70.33 | 322 | 80.6 | 4.45 | 131,343 | 3,425 | 762,077 | 1.50 | 1¼-1¾ | 2 | 1,479 | 1,391 | 2.93 |
| July | 98.2 | 33,540 | 5.66 | 76.42 | 329 | 83.7 | 4.44 | 115,070 | 775 | 945,976 | 1.50 | 1¼-1½ | 2 | 1,390 | 1,344 | 3.03 |
| August | 95.5 | 24,890 | 5.74 | 72.40 | 309 | Closed. | 4.50 | 46,197 | 2,100 | 489,858 | 1.50 | 1¼-1½ | 2 | 1,366 | 1,354 | 3.04 |
| September | 81.7 | 51,140 | 6.51 | 66.90 | 304 | 62.0 | 4.70 | 156,381 | 66,785 | 532,840 | 1.50 | 1¼-2 | 2 | 1,172 | 1,044 | 3.23 |
| October | 69.7 | 47,895 | 7.28 | 70.14 | 269 | Closed. | 5.16 | 17,391 | 9,125 | 747,157 | 2.10 | 2½-4 | 2 -4¼ | 869 | 796 | 2.33 |
| November | 71.7 | 37,369 | 7.07 | 76.64 | 249 | Closed. | 5.19 | 50,123 | 2,619 | 557,742 | 2.50 | 3 -4 | 3¾-4¼ | 720 | 730 | 2.35 |

# 1931 in Comparison



# Commodity Prices

COMMODITY prices were relatively steady from October to November, 1931, a weighted average index of wholesale, of retail foods, and of farm prices showing no change during that period as compared with a decline of 1 per cent from September to October. Farm prices rose sharply from October 15 to November 15.

Advances of 15.8 per cent in prices of grains, of 8.4 per cent in prices of petroleum products, of 21.1 per cent in prices of cattle feed, and of 1.4 per cent or less in prices of chemicals, paint materials, mixed fertilizers, paper and pulp, and bituminous coal about offset price declines in several groups of commodities, and as a result the combined index of wholesale commodity prices averaged about the same in November as in October. The greatest declines occurred in prices of butter and rubber, about 6 per cent each. Prices of meats declined 4.8 per cent and prices of livestock and poultry, cotton goods, hides and skins, and farm products other than grains and livestock, fell from 1.7 to 2.4 per cent. Other price declines were less than 1 per cent. Of the 550 commodities or price series included in the combined index of wholesale commodity prices, 280 showed no change from October to November.

Retail prices of foods were 2 per cent lower on November 15 than on October 15, 1931, a decline about equal to that from October to November, 1930. Prices of 31 of the 42 articles on which quotations are regularly received were lower; the greatest drops occured in prices of pork chops, 15 per cent, and in prices of butter, potatoes, sliced bacon, and cabbage, 6 per cent each.

Farm prices rose 4 per cent from October 15 to November 15, despite a decline during a corresponding period in each of the past four years. This was the greatest advance in any one month since May, 1928, and the first rise of any sort in eight months. Rises of 3 per cent occurred in prices of dairy and poultry products, of 19 per cent in prices of cotton and cottonseed, and of 24 per cent in prices of grains. Declines occurred in prices of fruits and vegetables and meat animals of 2.9 per cent and 3.8 per cent, respectively. Wheat prices on November 15 were 40 per cent higher than on the corresponding date of the preceding month.

## INDEXES OF COMMODITY PRICES

| Year and month | Wholesale [1] | | | | | | | | | | | | | | | Retail | | Farm [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Combined index, 550 commodity quotations | Farm products | Foods | Other than farm products and foods | Hides and leather products | Textile products | Fuel and lighting | Metals and metal products | Building materials | Chemicals and drugs | House furnishing goods | Miscellaneous | Raw materials | Semimanufactures | Finished manufactures | Foods [1] | Cost of living [3] | Combined index, 30 commodities |
| | Monthly average, 1926=100 | | | | | | | | | | | | | | | Mo. average 1913=100 | Mo. average 1923=100 | Mo. average 1909 to 1914=100 |
| 1929: November | 94.4 | 101.1 | 98.8 | 91.7 | 108.4 | 91.5 | 81.7 | 102.3 | 96.0 | 94.0 | 97.1 | 80.1 | 94.8 | 95.6 | 94.2 | 160 | 100.9 | 136 |
| 1930: | | | | | | | | | | | | | | | | | | |
| November | 80.4 | 79.3 | 85.7 | 80.1 | 94.0 | 73.3 | 71.8 | 90.2 | 85.6 | 85.2 | 95.2 | 67.8 | 76.8 | 75.6 | 83.7 | 141 | 93.9 | 103 |
| December | 78.4 | 75.2 | 81.8 | 79.0 | 91.2 | 72.4 | 70.5 | 90.0 | 84.4 | 84.8 | 91.3 | 66.9 | 74.2 | 74.3 | 81.9 | 137 | 92.6 | 97 |
| 1931: | | | | | | | | | | | | | | | | | | |
| January | 77.0 | 73.5 | 80.1 | 77.8 | 88.6 | 71.0 | 69.8 | 89.3 | 82.9 | 83.6 | 91.1 | 64.7 | 72.9 | 73.4 | 80.5 | 133 | 91.1 | 94 |
| February | 75.5 | 70.1 | 77.1 | 77.1 | 86.6 | 70.4 | 69.6 | 88.9 | 81.8 | 82.2 | 90.8 | 63.9 | 70.6 | 72.3 | 79.3 | 127 | 89.6 | 90 |
| March | 74.5 | 70.6 | 76.7 | 75.6 | 87.4 | 69.2 | 64.5 | 89.0 | 81.9 | 81.9 | 90.8 | 64.7 | 69.4 | 72.2 | 78.4 | 126 | 89.1 | 91 |
| April | 73.3 | 70.1 | 75.6 | 74.2 | 87.3 | 67.6 | 61.6 | 88.7 | 80.9 | 80.1 | 90.8 | 63.9 | 68.3 | 71.1 | 77.1 | 124 | 88.2 | 91 |
| May | 71.3 | 67.1 | 72.9 | 73.2 | 87.3 | 66.3 | 60.9 | 87.8 | 78.4 | 79.1 | 89.2 | 62.8 | 66.5 | 68.9 | 75.1 | 121 | 86.9 | 86 |
| June | 70.0 | 65.4 | 72.4 | 71.9 | 87.8 | 65.4 | 58.1 | 87.4 | 77.5 | 77.9 | 88.6 | 61.8 | 64.7 | 68.5 | 74.0 | 118 | 85.9 | 80 |
| July | 70.0 | 64.9 | 73.1 | 71.8 | 89.2 | 65.4 | 58.2 | 87.5 | 75.8 | 77.3 | 88.0 | 61.0 | 64.3 | 69.5 | 74.0 | 119 | 85.9 | 79 |
| August | 70.2 | 63.5 | 73.7 | 72.3 | 88.5 | 64.2 | 62.3 | 87.1 | 75.4 | 75.5 | 87.5 | 58.5 | 64.1 | 68.3 | 74.6 | 120 | 85.9 | 75 |
| September | 69.1 | 60.5 | 72.9 | 72.0 | 84.8 | 62.9 | 63.3 | 87.2 | 74.9 | 74.8 | 84.7 | 58.4 | 62.7 | 66.3 | 74.0 | 119 | 85.6 | 72 |
| October | 68.4 | 58.8 | 72.6 | 71.4 | 82.2 | 61.5 | 63.4 | 86.5 | 74.3 | 74.1 | 83.2 | 59.0 | 61.5 | 64.7 | 73.7 | 119 | 84.9 | 68 |
| November | 68.3 | 58.7 | 70.9 | 71.8 | 81.3 | 60.7 | 65.0 | 86.2 | 74.0 | 74.7 | 83.1 | 59.7 | 62.0 | 64.4 | 73.2 | 117 | ------- | 71 |
| Monthly average, January through November: | | | | | | | | | | | | | | | | | | |
| 1929 | 96.8 | 105.0 | 99.9 | 92.8 | 109.3 | 94.1 | 81.5 | 104.6 | 97.2 | 94.5 | 96.8 | 80.5 | 97.6 | 96.7 | 96.5 | 157 | 100.0 | 138 |
| 1930 | 87.1 | 89.7 | 91.0 | 85.6 | 100.8 | 81.5 | 76.6 | 95.7 | 90.8 | 89.0 | 96.1 | 74.1 | 85.4 | 83.1 | 89.0 | 148 | 96.5 | 119 |
| 1931 | 71.6 | 65.7 | 74.4 | 73.6 | 86.5 | 65.9 | 63.3 | 87.8 | 78.0 | 78.3 | 88.0 | 61.7 | 66.1 | 69.1 | 75.8 | 122 | ------- | 8 |

[1] Department of Labor. [2] Department of Agriculture. [3] National Industrial Conference Board.

# Employment

THE decline in factory employment, which has been continuous since the slight upturn of last spring, was extended still further during November, according to the seasonally adjusted index of the Federal Reserve Board. November employment was about 1.4 per cent under the October figure, and about 15 per cent under November of the year previous. The value of wage payments to factory workers declined 5.4 per cent from the October figure, and was about 25 per cent under November, 1930. Employment in the mining industry decreased in all branches, except petroleum refining and silver mining, after seasonal adjustments are made.

Factory employment during the first 11 months of the year averaged about 15 per cent under the same period in 1930 and 26 per cent under 1929. The volume of pay rolls during the first 11 months averaged about 25 per cent under 1930 and 38 per cent under 1929.

The rubber products industry was the only group reporting an increase in number of employees during November as compared with October. Normally a decrease in employment takes place in this industry during November, so that the adjusted employment index for the month increased 4.2 per cent. Employment in the nonferrous group was the same as during October, whereas a slight increase usually takes place during November. The food products and automobile groups witnessed decreased employment of less than the usual seasonal proportions. With the exception of these four groups, however, all of the industrial groups reported a decrease in employment during November of more than normal seasonal proportions.

The mountain geographic division reported increased employment and earnings during the month, the remaining 8 divisions showing decreases in both items from October to November. For the country as a whole 64 manufacturing industries reported an average of 87 per cent of full-time operation.

The decrease in pay-roll totals of 5.4 per cent, which is more pronounced than the decrease in employment, is accounted for to some extent by the general observance of Armistice Day and election day in certain localities during the November period.

Increased employment and pay-roll totals were reported in the retail trade group in continuation of the seasonal expansion which began in September. Number of employees in retail stores, however, was 7.6 per cent under November last year. Two additional groups, electric railroads, and power, light, and water plants reported slight gains in pay-roll totals over the month previous coupled with small decreases in employment.

## STATISTICS OF EMPLOYMENT, PAY ROLLS AND WAGES

| Year and month | Factory employment F. R. B. | | F. R. B. factory pay rolls, unadjusted | Bituminous coal mining | | Anthracite mining | | Power, light, and water | | Telephone and telegraph | | Retail trade | | Employment agencies, applicants per 100 jobs | Employment, trade-union members | Wages, common labor in road building |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Adjusted[1] | Unadjusted | | Employment | Pay rolls | Employment | Pay rolls | Employment | Pay rolls | Employment | Pay rolls | Employment | Pay rolls | | | |
| | Monthly average, 1923-1925=100 | | | Monthly average, 1929=100 | | | | | | | | | | Number | Per cent of total members | Cents per hour |
| 1929: November | 99.3 | 98.9 | 102.5 | 101.0 | 106.0 | 104.0 | 100.5 | 104.7 | 104.1 | 101.9 | 101.2 | 106.7 | 105.2 | 153 | 88.0 | 40 |
| 1930: | | | | | | | | | | | | | | | | |
| November | 81.1 | 81.0 | 75.1 | 92.5 | 79.1 | 97.2 | 98.0 | 103.4 | 103.7 | 93.0 | 97.9 | 98.4 | 96.8 | 227 | 78.0 | 38 |
| December | 80.1 | 78.8 | 73.7 | 92.5 | 77.7 | 99.1 | 100.0 | 103.2 | 106.3 | 91.6 | 101.3 | 115.1 | 97.7 | 218 | 77.0 | 37 |
| 1931: | | | | | | | | | | | | | | | | |
| January | 78.3 | 76.4 | 68.4 | 93.9 | 73.3 | 90.6 | 89.3 | 99.2 | 98.6 | 90.5 | 96.3 | 90.0 | 89.4 | 224 | 73.0 | 36 |
| February | 77.8 | 77.3 | 73.2 | 91.5 | 68.3 | 89.5 | 101.9 | 97.8 | 99.7 | 89.2 | 94.8 | 87.1 | 86.7 | 202 | 73.0 | 36 |
| March | 77.9 | 78.1 | 74.9 | 88.8 | 65.2 | 82.0 | 71.3 | 96.7 | 102.4 | 88.6 | 97.9 | 87.8 | 87.5 | 179 | 74.0 | 37 |
| April | 78.0 | 77.9 | 73.6 | 85.9 | 58.6 | 85.2 | 75.2 | 97.1 | 97.6 | 88.1 | 95.0 | 90.1 | 88.3 | 177 | 75.0 | 35 |
| May | 77.8 | 77.1 | 72.1 | 82.4 | 54.4 | 80.3 | 76.1 | 97.6 | 98.7 | 87.4 | 94.1 | 89.9 | 88.0 | 181 | 75.0 | 37 |
| June | 76.0 | 75.0 | 67.6 | 78.4 | 52.4 | 76.1 | 66.7 | 97.2 | 98.3 | 86.9 | 95.0 | 89.1 | 87.6 | 205 | 75.0 | 37 |
| July | 75.1 | 73.8 | 64.4 | 76.4 | 50.4 | 65.1 | 53.7 | 96.7 | 97.4 | 86.6 | 93.3 | 83.9 | 83.3 | 209 | 74.0 | 36 |
| August | 74.1 | 74.2 | 64.3 | 77.0 | 50.6 | 67.3 | 56.4 | 95.9 | 96.2 | 85.9 | 92.3 | 81.8 | 80.3 | 217 | 74.0 | 36 |
| September | 72.8 | 74.7 | 61.8 | 80.4 | 53.6 | 80.0 | 64.9 | 94.7 | 94.3 | 85.0 | 92.1 | 86.6 | 82.5 | 196 | 74.0 | 34 |
| October | 70.3 | 71.4 | 59.4 | 81.3 | 56.2 | 86.8 | 91.1 | 92.7 | 93.2 | 84.1 | 91.6 | 89.8 | 84.6 | 221 | 74.0 | 35 |
| November | 69.3 | 68.7 | 56.2 | 81.1 | 54.6 | 83.8 | 79.9 | 91.3 | 93.3 | 83.5 | 89.7 | 90.9 | 85.4 | ---------- | 73.0 | 34 |
| Monthly average, January through November: | | | | | | | | | | | | | | | | |
| 1929 | -------- | 101.7 | 106.5 | 99.9 | 99.3 | 99.4 | 96.6 | 99.8 | 99.5 | 99.9 | 99.7 | 97.6 | 98.1 | 135 | 88.5 | 39 |
| 1930 | -------- | 88.6 | 88.7 | 93.5 | 81.6 | 92.9 | 94.9 | 103.0 | 104.2 | 98.4 | 103.0 | 94.1 | 95.1 | 187 | 78.9 | 39 |
| 1931 | -------- | 75.0 | 66.9 | 83.4 | 58.0 | 80.6 | 75.1 | 96.1 | 97.2 | 86.9 | 93.8 | 87.9 | 85.9 | ---------- | 74.0 | 36 |

[1] Adjusted for seasonal variation.

# Domestic Trade

DOMESTIC trade continues well below a year ago in volume, but the seasonal increase in retail sales started in August has continued into December. The expansion in retail sales in November was only slightly less than the usual gain, judging by the department store statistics. Sales through these outlets were 15 per cent lower in dollar volume than in the same month of 1930, and the cumulative decline for the 11 months as compared with a year ago was 11 per cent. St. Louis reported the best relative record during November, with the greatest declines, averaging around 20 per cent, in the Philadelphia, Atlanta, Kansas City, and Dallas districts. Stocks of merchandise in department stores, which after seasonal adjustment, varied only slightly in the several months prior to November, advanced 8.7 per cent last month. However, current stocks are about 6 per cent less than a year ago.

Sales through the leading chain store and mail-order houses have continued relatively high, after allowance for price changes, and such sales were less than 6 per cent below a year ago in dollar volume during the first 11 months. For the two leading mail-order houses alone dollar sales in November dropped back to the September level and for the 11 months were 14 per cent less than in the same period of 1930. Sales of the 5 and 10 chains decreased by more than the usual seasonal amount in November, and the adjusted index declined for the fourth successive month.

Freight-car loadings, one of the most comprehensive indexes of domestic trade, declined in November and the fall upturn in these loadings was not very pronounced. The significant index of merchandise l. c. l. loadings was lower by approximately the usual seasonal amount, and the adjusted index was unchanged from the preceding month. November l. c. l. loadings were 9.6 per cent below November, 1930, or approximately the same as the cumulative decline for the elapsed 11 months. Postal receipts, following the October gain, fell back to the lowest level since midsummer.

Commercial failures decreased in November following the large increase in the preceding month and, while the liabilities were also reduced, they remain exceptionally high. Compared with November, 1930, both the number of failures and the liabilities involved were greater. The improvement scored in November was not maintained during the first three weeks of December which brought a sharp increase in the average weekly failures.

Magazine and newspaper advertising declined in November, following the seasonal increase in October. To date magazine advertising has been 22 per cent below the corresponding period of 1930, while newspaper advertising was off 10 per cent. Expenditures for radio advertising have increased steadily during 1931 and for the year to date have been one-third above a year ago.

## DOMESTIC TRADE STATISTICS

| Year and month | Department store sales | | Department store stocks | | Freight car loadings, merchandise, l. c. l. | | Five-and-ten cent-store sales | | Mail-order sales, 2 houses | Postal receipts, 55 selected cities | Commercial failures | | Advertising lineage | | Money order value, paid |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Unadjusted [1] | Adjusted [2] | Unadjusted [3] | Adjusted [2] | Unadjusted | Adjusted [2] | Unadjusted | Adjusted [2] | | | Failures | Liabilities | Magazine | Newspaper | |
| | Monthly average, 1923-1925=100 | | | | | | | | Thousands of dollars | | Number | Thousands of dolls. | Thousands of lines | Millions of lines | Thousands of dolls. |
| 1929: November | 125 | 108 | 115 | 102 | 106 | 104 | 174 | 166 | 73,697 | 32,723 | 1,796 | 52,046 | 3,063 | 108 | 97,825 |
| 1930: | | | | | | | | | | | | | | | |
| November | 113 | 98 | 104 | 92 | 94 | 92 | 160 | 159 | 55,713 | 28,379 | 2,031 | 55,261 | 2,463 | 89 | 79,934 |
| December | 165 | 94 | 85 | 91 | 86 | 92 | 300 | 154 | 72,486 | 38,572 | 2,525 | 83,683 | 2,230 | 82 | 91,923 |
| 1931: | | | | | | | | | | | | | | | |
| January | 79 | 97 | 78 | 88 | 83 | 90 | 125 | 162 | 41,459 | 29,172 | 3,316 | 94,608 | 1,585 | 76 | 78,273 |
| February | 86 | 98 | 81 | 86 | 87 | 89 | 127 | 163 | 39,422 | 26,405 | 2,563 | 59,608 | 1,992 | 72 | 70,935 |
| March | 92 | 97 | 87 | 84 | 89 | 89 | 144 | 159 | 43,008 | 30,178 | 2,604 | 60,387 | 2,203 | 90 | 81,747 |
| April | 101 | 106 | 85 | 83 | 91 | 88 | 160 | 168 | 52,078 | 29,257 | 2,386 | 50,868 | 2,421 | 89 | 90,646 |
| May | 97 | 97 | 85 | 83 | 92 | 89 | 156 | 168 | 50,070 | 27,844 | 2,248 | 53,371 | 2,375 | 88 | 81,956 |
| June | 90 | 95 | 80 | 82 | 89 | 89 | 148 | 162 | 49,480 | 26,442 | 1,993 | 51,656 | 2,191 | 80 | 79,311 |
| July | 65 | 91 | 75 | 81 | 87 | 88 | 140 | 149 | 45,093 | 24,578 | 1,983 | 60,998 | 1,613 | 67 | 76,385 |
| August | 67 | 88 | 76 | 79 | 86 | 86 | 143 | 160 | 43,004 | 23,389 | 1,944 | 53,025 | 1,316 | 67 | 71,622 |
| September | 87 | 84 | 84 | 81 | 88 | 85 | 142 | 156 | 45,955 | 26,335 | 1,936 | 40,256 | 1,603 | 77 | 74,679 |
| October | 93 | 86 | 88 | 80 | 87 | 83 | 169 | 152 | 52,280 | 28,618 | 2,362 | 70,660 | 1,911 | 88 | -------- |
| November | 97 | 85 | 98 | 87 | 85 | 83 | 148 | 147 | 45,898 | 25,355 | 2,195 | 60,660 | 1,882 | 82 | -------- |
| Monthly average, January through November: | | | | | | | | | | | | | | | |
| 1929 | 103 | -------- | 100 | -------- | 105 | -------- | 150 | -------- | 58,633 | 31,582 | 1,897 | 37,799 | 2,709 | 102 | 90,009 |
| 1930 | 96 | -------- | 95 | -------- | 97 | -------- | 147 | -------- | 53,656 | 29,833 | 2,166 | 53,145 | 2,454 | 89 | 83,908 |
| 1931 | 86 | -------- | 83 | -------- | 88 | -------- | 146 | -------- | 46,159 | 27,052 | 2,321 | 59,645 | 1,917 | 80 | -------- |

[1] Corrected to average daily sales. [2] Adjusted for seasonal variation. [3] End of month figures.

# Foreign Trade

UNITED STATES exports during November declined approximately 6 per cent in value from those in October and imports about 11 per cent. Although the decrease in exports was the usual seasonal amount the decline in imports was much larger than normal with the result that the value in November reached the lowest point yet recorded during the current depression. The so-called "favorable balance" in November was $43,000,000.

Gold exports, after reaching the huge total of $398,000,000 in October, declined to $5,000,000 in November. Gold imports which during the last three years have ranged from 7 to 65 million dollars a month totaled $94,000,000 in November and there was a net import of $89,000,000 as a result. Approximately 80 per cent of the gold imports were from Japan.

Declines from the value of October exports of fruits and preparations, machinery, and automobile parts and accessories amounting to 28, 22, and 35 per cent, respectively, accounted for much of the decrease in the total value of exports in November. Export of automobile parts and accessories which have declined continuously since March, 1931, amounted to 5.5 million dollars in November as compared with an average of 30.5 million in the same month of the years 1925 to 1929. Cotton exports which are normally smaller in November than in October increased about 10 per cent in value. As compared with November, 1930, shipments of wheat were nearly three times as large, exports of unmanufactured cotton and canned fruits substantially greater and exports of oranges, gasoline, and unmanufactured tobacco moderately larger. Leading import commodities which arrived in greater quantities in November than October were crude rubber, cocoa, coffee, raw silk, and cotton cloth.

On the basis of statistics available to date, the year's exports will amount to about $2,425,000,000 while imports will total approximately $2,100,000,000. These dollar figures show declines of 37 and 31 per cent, respectively, in comparison with 1930 and of slightly more than 50 per cent each as compared with the record year of 1929. Drastic declines in commodity prices were responsible for a large part of the decrease in total values; raw cotton exports fell off only 1 per cent in quantity while the value showed a drop of 38 per cent; copper exports declined 19 per cent in quantity as against 44 per cent in value. In spite of the extremely unsettled conditions affecting international commerce American exporters were able during 1931 to sell greater quantities of a substantial number of the commodities produced and manufactured in the United States than was possible in 1930.

## EXPORTS AND IMPORTS

| Year and month | Exports, including reexports[1] | Exports of United States merchandise | | | | | | | | | | | General imports | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Crude materials | | Foodstuffs | | | | Semi-manufactures | Finished manufactures | | | | | | | | |
| | | Total | Raw cotton | Total | Wheat and flour | Meats and fats | Fruits and preparations | | Total | Machinery | Automobiles, parts, and accessories | Gasoline | Total | Crude materials | Foodstuffs | Semi-manufactures | Finished manufactures |
| | Millions of dollars | | | | | | | | | | | | | | | | |
| 1929: November | 442.3 | 144.8 | 106.9 | 66.3 | 19.2 | 17.9 | 14.7 | 51.8 | 172.6 | 47.3 | 25.5 | 17.7 | 338.5 | 121.4 | 69.3 | 66.2 | 81.6 |
| 1930: | | | | | | | | | | | | | | | | | |
| October | 326.9 | 104.8 | 64.8 | 47.2 | 11.3 | 9.8 | 17.1 | 38.0 | 132.7 | 30.8 | 14.5 | 21.8 | 247.4 | 77.5 | 56.0 | 45.6 | 68.3 |
| November | 289.0 | 96.9 | 59.3 | 45.6 | 7.8 | 11.0 | 17.5 | 33.1 | 115.8 | 33.2 | 14.1 | 12.4 | 203.6 | 59.2 | 48.3 | 38.3 | 57.7 |
| December | 274.9 | 76.7 | 47.2 | 40.5 | 6.3 | 9.8 | 15.1 | 33.9 | 119.7 | 36.1 | 15.3 | 13.7 | 208.6 | 69.1 | 52.3 | 38.1 | 49.2 |
| 1931: | | | | | | | | | | | | | | | | | |
| January | 249.6 | 58.6 | 31.2 | 35.5 | 4.9 | 12.2 | 10.7 | 34.5 | 117.1 | 37.7 | 14.4 | 13.8 | 183.1 | 59.4 | 42.1 | 36.9 | 44.8 |
| February | 224.3 | 47.7 | 25.4 | 29.5 | 3.2 | 10.6 | 8.9 | 27.5 | 116.1 | 44.0 | 16.1 | 10.6 | 174.9 | 56.4 | 46.1 | 31.5 | 41.2 |
| March | 235.9 | 56.5 | 36.0 | 33.0 | 3.9 | 10.1 | 10.7 | 31.4 | 110.3 | 29.4 | 18.5 | 8.4 | 210.2 | 64.0 | 56.6 | 39.8 | 49.2 |
| April | 215.1 | 40.0 | 22.9 | 28.2 | 5.7 | 8.5 | 6.4 | 30.6 | 111.1 | 31.1 | 18.0 | 10.7 | 185.7 | 54.7 | 51.9 | 33.4 | 45.7 |
| May | 204.0 | 36.5 | 18.9 | 29.4 | 7.4 | 7.8 | 6.5 | 29.9 | 103.5 | 26.6 | 14.2 | 12.5 | 179.7 | 54.7 | 49.6 | 30.4 | 45.5 |
| June | 187.1 | 29.1 | 13.5 | 28.7 | 8.8 | 7.1 | 5.7 | 24.5 | 97.7 | 28.3 | 12.8 | 7.2 | 173.5 | 52.4 | 47.2 | 29.8 | 44.2 |
| July | 180.7 | 28.3 | 13.5 | 32.3 | 11.6 | 6.8 | 7.6 | 28.0 | 88.3 | 22.7 | 11.5 | 9.0 | 174.5 | 50.0 | 47.1 | 30.0 | 47.5 |
| August | 164.8 | 25.5 | 9.9 | 28.1 | 7.0 | 6.4 | 8.0 | 23.9 | 84.1 | 20.4 | 10.7 | 8.8 | 166.7 | 47.7 | 45.4 | 28.3 | 45.3 |
| September | 180.2 | 44.4 | 23.5 | 28.4 | 6.7 | 6.3 | 9.2 | 21.4 | 83.2 | 24.7 | 8.7 | 7.2 | 170.4 | 52.9 | 35.1 | 30.3 | 52.0 |
| October | 204.9 | 63.6 | 39.8 | 39.3 | 8.8 | 7.1 | 16.2 | 21.2 | 77.3 | 20.2 | 8.5 | 7.2 | 168.7 | 52.4 | 36.8 | 29.0 | 50.5 |
| November | 193.0 | 68.0 | 43.6 | 34.6 | 8.5 | 6.0 | 11.6 | 20.8 | 66.9 | 15.7 | 5.5 | 8.3 | 149.7 | 47.9 | 33.0 | 27.6 | 41.3 |
| Cumulative, January through November: | | | | | | | | | | | | | | | | | |
| 1929 | 4,814.4 | 1,016.4 | 680.3 | 695.2 | 176.5 | 187.1 | 124.0 | 674.6 | 2,350.4 | 559.5 | 513.6 | 241.5 | 4,089.6 | 1,443.0 | 896.5 | 827.2 | 922.8 |
| 1930 | 3,568.3 | 752.3 | 449.5 | 500.7 | 151.2 | 143.7 | 94.6 | 479.0 | 1,779.2 | 481.9 | 262.1 | 236.9 | 2,852.3 | 933.1 | 641.3 | 570.0 | 707.9 |
| 1931 | 2,239.6 | 498.4 | 278.3 | 346.9 | 76.6 | 88.9 | 101.6 | 397.1 | 1,054.9 | 300.6 | 138.8 | 103.4 | 1,937.0 | 592.5 | 490.6 | 346.8 | 507.3 |

Reexports of foreign merchandise during November, 1931, were $3,162,000.

# Transportation

MOVEMENT of railroad freight during November declined slightly more than the usual seasonal amount, according to the adjusted index of freight-car loadings published by the Federal Reserve Board. Average daily loadings during November were about 19 per cent under November, 1930, and 33 per cent under November, 1929. The adjusted index of weekly loadings rose 12 per cent during the week ending December 5, but dropped back almost 4 per cent during the week ending December 12.

Average weekly merchandise loadings in less-than-carload lots decreased by about the normal seasonal amount so that the adjusted index was about the same as for October. Merchandise loadings during November, however, were about 10 per cent under November, 1930, and 20 per cent under 1929. The average monthly loadings of merchandise for the first 11 months of the year were less than 10 per cent under the same period in 1930 and 16 per cent under 1929. All commodity groups witnessed a decrease in loadings with respect to October, after corrections are made for number of weeks in the two months, the greatest drop being reported by the ore group.

A decrease in the movement of freight was naturally reflected in an increased number of idle freight cars. The daily average number of surplus cars for the last 8 days of November was the highest reported for the year and was 14 per cent over the average for the same period in November, 1930. The peak in the number of surplus freight cars in the present depression was recorded in December, 1930, with 707,000 cars, which was 7 per cent over the November, 1931, surplus.

Dividend payments of railroads during November totaled $32,450,000, compared with $38,500,000 in November, 1930, and $40,000,000 in November, 1929. Payments of dividends by railroads during the first 11 months of the year were almost 11 per cent under the same period in 1930.

The seasonal decrease in inland waterway traffic which has been under way since August extended through November, but the tonnage passing through the Sault Ste. Marie Canal during that month was only about 59 per cent of that reported for November, 1930. Government owned barges operating on the Mississippi River carried a cargo tonnage during November slightly over that reported for November, 1930.

## RAIL AND WATER TRAFFIC

| Year and month | Freight-car loadings: F. R. B. index: Adjusted (1) | Freight-car loadings: F. R. B. index: Unadjusted (1) | Freight-car loadings: Total | Freight-car loadings: Merchandise, l. c. l. | Freight-car loadings: Grain and products | Freight-car loadings: Livestock | Freight-car loadings: Coal and coke | Freight-car loadings: Forest products | Freight-car loadings: Ore | Freight-car loadings: Miscellaneous | Freight-car surplus | Dividend payments, steam railways | Canal and river traffic: Canals: Sault Ste. Marie | Canal and river traffic: Canals: New York State | Canal and river traffic: Canals: Cape Cod | Canal and river traffic: River: Mississippi (Govt. owned barges) | Panama Canal traffic, American vessels, both directions | Ocean traffic clearances, American ports |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monthly average, 1923-1925=100 | | Thousands of cars [1] | | | | | | | | | Thous. of dollars | Thousands of short tons | | | | Thous. of long tons | Thous. of net tons |
| 1929: November | 102 | 102 | 3,818 | 1,005 | 154 | 123 | 785 | 216 | 100 | 1,435 | 341 | 40,000 | 6,952 | 333 | 196 | 103 | 1,271 | 2,982 |
| 1930: | | | | | | | | | | | | | | | | | | |
| November | 84 | 86 | 3,191 | 892 | 146 | 107 | 667 | 136 | 57 | 1,186 | 580 | 38,500 | 5,130 | 390 | 225 | 83 | 1,009 | 2,501 |
| December | 84 | 74 | 2,784 | 820 | 143 | 94 | 638 | 121 | 22 | 946 | 707 | 39,000 | 312 | 0 | 225 | 108 | 953 | 1,991 |
| 1931: | | | | | | | | | | | | | | | | | | |
| January | 82 | 74 | 3,491 | 997 | 196 | 124 | 817 | 156 | 26 | 1,175 | 647 | 55,600 | 0 | 0 | 234 | 76 | 958 | 1,843 |
| February | 80 | 74 | 2,836 | 842 | 165 | 88 | 584 | 138 | 22 | 997 | 651 | 44,900 | 0 | 0 | 166 | 70 | 864 | 1,695 |
| March | 80 | 75 | 2,940 | 886 | 153 | 79 | 555 | 138 | 23 | 1,105 | 622 | 45,500 | 0 | 0 | 163 | 83 | 910 | 1,773 |
| April | 80 | 77 | 2,986 | 899 | 151 | 85 | 486 | 130 | 29 | 1,206 | 603 | 38,100 | 922 | 349 | 203 | 82 | 929 | 2,092 |
| May | 79 | 79 | 3,736 | 1,097 | 180 | 106 | 611 | 165 | 80 | 1,496 | 616 | 32,500 | 4,335 | 457 | 217 | 100 | 937 | 2,525 |
| June | 77 | 77 | 2,991 | 876 | 140 | 75 | 465 | 125 | 119 | 1,192 | 599 | 34,000 | 6,645 | 385 | 208 | 86 | 828 | 2,241 |
| July | 76 | 78 | 2,931 | 830 | 220 | 71 | 452 | 106 | 139 | 1,113 | 564 | 41,500 | 7,611 | 506 | 211 | 104 | 820 | 2,742 |
| August | 72 | 76 | 3,747 | 1,069 | 228 | 106 | 617 | 138 | 175 | 1,413 | 574 | 33,500 | 8,385 | 425 | 186 | 104 | 859 | 2,734 |
| September | 69 | 78 | 2,908 | 841 | 149 | 96 | 516 | 104 | 121 | 1,081 | 564 | 26,500 | 7,126 | 587 | 198 | 107 | 884 | 2,478 |
| October | 69 | 78 | 3,813 | 1,081 | 193 | 145 | 755 | 123 | 102 | 1,415 | 535 | 36,000 | 6,248 | 505 | 221 | 105 | 930 | 2,420 |
| **November** | **68** | **70** | **2,620** | **806** | **145** | **104** | **507** | **87** | **25** | **946** | **659** | **32,450** | **3,049** | ------- | **210** | **86** | **676** | **2,296** |
| Monthly average, January through November: | | | | | | | | | | | | | | | | | | |
| 1929 | 106 | 107 | 4,499 | 1,118 | 203 | 120 | 811 | 279 | 204 | 1,763 | 216 | 39,073 | 8,376 | 262 | 180 | 111 | 1,239 | 2,712 |
| 1930 | 93 | 94 | 3,918 | 1,035 | 193 | 108 | 707 | 204 | 149 | 1,521 | 445 | 42,845 | 6,599 | 328 | 207 | 95 | 1,114 | 2,723 |
| **1931** | **76** | **76** | **3,182** | **929** | **174** | **98** | **579** | **128** | **78** | **1,194** | **603** | **38,232** | **4,029** | ------- | **201** | **91** | **872** | **2,258** |

[1] Daily average basis.

[2] Data for January, May, August, and October are for 5 weeks; other months, 4 weeks.

# Construction

BUILDING activity during November as measured by the number of square feet and the value of contracts awarded was seasonally and sharply lower than in the previous month and at the lowest point in many years. Construction of residential building which had shown a firmer tone in October also reached the lowest point in a number of years in November. The value of contracts awarded for public works and utilities likewise was extremely small. Operations in the building material industries were further curtailed, and the index of construction costs declined slightly. Building material prices which increased slightly in October again advanced fractionally in November.

The total volume of all types of construction contracts awarded declined 33 per cent from October, 1931, and 38 per cent from November, 1930, while the decreases in values were 38 per cent and 41 per cent, respectively. Over the January-November period of 1931 there has been a decline of 27 per cent in square footage and 30 per cent in value in comparison with the 11 months of 1930. November residential awards were 28 per cent less in volume, and 25 per cent less in value than in the previous month, while during the elapsed months of 1931 there has been a decrease of 16 per cent in volume and 25 per cent in value as compared with the same period of 1930. The value of contracts let for public works and utilities declined 42 per cent below the October total. The expenditure for this class of construction was 38 per cent less than in November, 1930, and 28 per cent less in the 11 months of 1931 than in the same period of 1930.

A much greater than seasonal decline occurred in the production of cement which fell 24 per cent below that in October, while maple flooring shipments declined 8 per cent, and those of oak flooring dropped 24 per cent. Bookings of fabricated structural steel were 21 per cent less than in October.

The index of construction costs (constructed from the prices of structural steel shapes, cement, lumber, and the rates paid common labor) showed a slight decline of only 0.3 per cent. Building-material prices for frame houses increased 1.3 per cent and those for brick houses, 0.6 per cent. Bond issues to finance new construction continue small.

## BUILDING MATERIALS, CONSTRUCTION, AND REAL ESTATE

| Year and month | Building contracts awarded | | | | | | | Building materials | | | | Building material prices | | Construction cost, Eng. News-Rec. | Real-estate market activity—deeds recorded | Long-term real-estate bonds | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. R. B. index (3 months moving average of values unadjusted) | All types of construction | | Residential building | | Public works and utilities | | Maple flooring | Oak flooring | Cement | Fabricated structural steel | Frame house | Brick house | | | Total | To finance new construction |
| | | | | | | | | Shipments | | Production | New orders | | | | | | |
| | Monthly average 1923-1925=100 | Millions of square feet | Millions of dollars | Millions of square feet | Millions of dollars | Thousands of square feet | Millions of dollars | Thousands of feet, board measure | | Thousands of barrels | Thousands of short tons | First of month, monthly average 1913=100 | | | Monthly average 1926=100 | Thousands of dollars | |
| 1929: November | 94 | 51.1 | 391 | 21.4 | 113.5 | 581 | 80.3 | 3,748 | 23,378 | 14,053 | 212 | 178 | 182 | 208.5 | 80.6 | 7,820 | 1,910 |
| 1930: | | | | | | | | | | | | | | | | | |
| November | 68 | 33.1 | 254 | 18.8 | 80.8 | 468 | 76.4 | 2,554 | 15,844 | 11,098 | 151 | 165 | 172 | 198.5 | 64.6 | 9,965 | 1,595 |
| December | 59 | 29.1 | 249 | 14.7 | 70.9 | 697 | 78.6 | 1,811 | 17,152 | 8,480 | 153 | 168 | 174 | 196.9 | 68.9 | 29,877 | 530 |
| 1931: | | | | | | | | | | | | | | | | | |
| January | 58 | 24.6 | 228 | 12.2 | 54.4 | 393 | 95.2 | 2,351 | 18,365 | 6,595 | 162 | 163 | 170 | 194.5 | 66.0 | 4,520 | 2,850 |
| February | 68 | 28.3 | 235 | 16.6 | 77.9 | 246 | 78.6 | 2,676 | 21,713 | 5,920 | 158 | 165 | 171 | 196.6 | 66.7 | 3,590 | 1,500 |
| March | 77 | 38.0 | 370 | 22.1 | 100.9 | 522 | 151.7 | 3,017 | 26,243 | 8,245 | 184 | 163 | 170 | 194.5 | 61.7 | 2,015 | 1,000 |
| April | 82 | 39.4 | 337 | 22.6 | 95.9 | 785 | 133.0 | 3,226 | 28,155 | 11,245 | 293 | 157 | 167 | 191.6 | 62.0 | 7,235 | 1,700 |
| May | 78 | 38.9 | 306 | 21.9 | 88.9 | 387 | 108.9 | 3,315 | 27,745 | 14,010 | 153 | 160 | 167 | 189.3 | 61.3 | 9,485 | 0 |
| June | 74 | 35.0 | 332 | 16.9 | 72.7 | 2,367 | 154.5 | 3,778 | 23,131 | 14,118 | 177 | 158 | 166 | 187.4 | 58.4 | 3,425 | 1,000 |
| July | 68 | 33.8 | 286 | 15.9 | 63.9 | 1,233 | 116.3 | 3,447 | 25,691 | 13,899 | 159 | 155 | 164 | 174.4 | 61.1 | 775 | 600 |
| August | 63 | 30.6 | 233 | 14.1 | 60.2 | 737 | 73.0 | 3,397 | 21,464 | 13,549 | 124 | 156 | 163 | 171.4 | 59.8 | 2,100 | 565 |
| September | 59 | 30.1 | 251 | 13.0 | 54.6 | 353 | 85.1 | 3,144 | 19,486 | 12,092 | 197 | 154 | 161 | 171.4 | 60.5 | 66,785 | 395 |
| October | 52 | 30.7 | 242 | 15.2 | 60.5 | 171 | 82.5 | 2,703 | 18,203 | 10,762 | 110 | 156 | 162 | 169.8 | 63.2 | 9,125 | 500 |
| November | 44 | 20.5 | 151 | 11.0 | 45.3 | 271 | 47.4 | 2,481 | 13,907 | 8,161 | 87 | 158 | 163 | 169.3 | -------- | 2,619 | 725 |
| Monthly average, January through November: | | | | | | | | | | | | | | | | | |
| 1929 | 120 | 67.9 | 494 | 33.6 | 163.8 | 953 | 126.7 | 6,009 | 38,324 | 14,453 | 300 | 177 | 182 | 206.8 | 84.7 | 29,616 | 11,753 |
| 1930 | 95 | 43.8 | 389 | 19.6 | 93.7 | 1,237 | 143.0 | 3,763 | 25,697 | 13,857 | 231 | 173 | 178 | 203.4 | 70.7 | 12,836 | 5,057 |
| 1931 | 66 | 31.8 | 270 | 16.5 | 70.5 | 679 | 102.4 | 3,049 | 22,191 | 10,781 | 164 | 159 | 166 | 182.7 | -------- | 10,152 | 985 |

# Agriculture

WORLD shipments of wheat were substantially curtailed during the latter part of November and early December. This follows the usual trend, induced by the preparation for the heavy movement following the harvesting of the new crop in the Southern Hemisphere. Shipments from Russia also were lower but North American exports had a marked increase.

A decline, that spread to all classes of wheat and occurred at all the principal markets, took place in November, when wheat prices in the United States lost approximately half the gains of the preceding month. Little change was recorded in the general price level during the first week of December, but on December 9 there was a further sharp recession. The Department of Agriculture reported for the week ended December 4, the weighted average of all classes and grades at six markets as 61.7 cents per bushel compared with 71.7 cents for the week ended November 13 and 52.7 cents for the week ended October 2.

Receipts of corn at primary markets were low during November and early December, which in the light of a large crop indicates the reluctance of farmers to sell at current prices. The rise in the cash price of corn which took place in October continued through the early part of November, but in the last two weeks of the latter month a large portion of the gains was lost.

Domestic stocks of most United States types of tobacco are considerably larger than is usual at this time of the year. There has been a reduction of consumption and curtailment of buying power in several centers where American grown tobacco is used. In addition to a reduced domestic consumption, indicated by retarded sales of revenue stamps, movements of leaf tobacco into export trade have been appreciably smaller in the last four months than recorded for the same season in previous years.

The domestic wool market encountered increased sales during the latter half of November, following the settlement of labor difficulties in the New England worsted industry. Price declines which have been in force since September were halted and quotations on the Boston market remained practically unchanged during the month ended December 5. The Australian market continued its strength of the preceding month but exchange rate difficulties have curtailed transactions in the Union of South Africa and South American centers.

Exports of domestic cotton during November were 18 per cent above the same month in 1930, due largely to increased shipments to the Orient. November domestic consumption declined 7 per cent below October, but the total of 429,000 running bales was 3 per cent above November of last year.

## INDEXES OF AGRICULTURAL MARKETING AND STOCKS

| Year and month | Indexes of marketing | | | | | | | | | | | Indexes of stocks, end of month | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Animal products | | | | | | Crops | | | | | | | |
| | Combined index | Wool | Livestock | Poultry and eggs | Dairy products | Fish | Combined index | Grains | Vegetables | Fruits | Cotton | Wheat, visible supply, United States | Meats, cold-storage | Cotton, United States |
| | Monthly average, 1923-1925=100 | | | | | | | | | | | | | |
| 1929: November | 95.2 | 62.6 | 96.4 | 127.8 | 80.7 | 153.9 | 143.3 | 69.4 | 90.7 | 93.0 | 234.2 | 326.7 | 76.1 | 198.6 |
| 1930: | | | | | | | | | | | | | | |
| November | 88.5 | 34.5 | 88.0 | 121.6 | 77.8 | 146.2 | 148.8 | 72.3 | 89.6 | 109.0 | 240.6 | 344.8 | 62.3 | 284.9 |
| December | 97.8 | 57.1 | 93.9 | 137.8 | 92.7 | 98.9 | 105.8 | 79.8 | 79.4 | 67.1 | 144.9 | 333.3 | 76.9 | 266.8 |
| 1931: | | | | | | | | | | | | | | |
| January | 94.7 | 25.3 | 96.2 | 95.0 | 96.4 | 103.4 | 74.3 | 81.0 | 98.0 | 70.2 | 64.0 | 335.8 | 100.1 | 254.2 |
| February | 85.5 | 50.8 | 79.8 | 94.0 | 91.3 | 116.2 | 66.8 | 84.6 | 91.1 | 68.1 | 45.1 | 343.7 | 114.0 | 235.8 |
| March | 94.0 | 61.9 | 79.6 | 121.8 | 102.9 | 169.4 | 64.4 | 80.0 | 104.3 | 75.1 | 38.6 | 352.7 | 111.8 | 216.4 |
| April | 101.2 | 78.2 | 82.6 | 137.0 | 113.1 | 174.3 | 53.1 | 63.9 | 93.3 | 70.6 | 29.8 | 339.8 | 114.8 | 196.9 |
| May | 106.7 | 197.1 | 80.2 | 125.6 | 130.9 | 138.5 | 62.0 | 69.0 | 135.6 | 102.2 | 28.3 | 336.4 | 110.8 | 179.5 |
| June | 118.0 | 405.4 | 77.9 | 115.6 | 156.6 | 144.5 | 55.2 | 68.6 | 165.8 | 88.8 | 9.1 | 324.7 | 105.8 | 162.3 |
| July | 105.2 | 573.2 | 72.6 | 88.6 | 123.6 | 161.2 | 103.0 | 182.9 | 103.4 | 139.3 | 22.6 | 370.4 | 98.7 | 146.8 |
| August | 94.3 | 259.6 | 82.5 | 88.0 | 96.3 | 189.3 | 83.9 | 130.0 | 64.1 | 154.6 | 29.2 | 413.5 | 83.3 | 140.1 |
| September | 91.5 | 125.1 | 88.3 | 88.4 | 90.5 | 160.1 | 119.3 | 79.8 | 103.2 | 129.2 | 152.1 | 407.7 | 66.6 | 188.1 |
| October | 96.6 | 49.5 | 104.2 | 75.4 | 92.6 | 140.5 | 219.2 | 84.0 | 131.9 | 191.1 | 366.7 | 393.4 | 52.8 | 281.0 |
| **November** | **93.2** | **46.5** | **95.5** | **104.4** | **87.1** | **121.1** | **122.6** | **66.2** | **73.1** | **96.8** | **189.5** | **391.9** | **54.3** | **322.8** |
| Monthly average, January through November: | | | | | | | | | | | | | | |
| 1929 | 99.7 | 134.7 | 88.2 | 102.5 | 108.0 | 181.8 | 109.2 | 103.9 | 120.4 | 112.8 | 110.4 | 250.5 | 113.0 | 119.3 |
| 1930 | 98.4 | 163.5 | 86.0 | 102.5 | 103.7 | 188.5 | 100.3 | 95.2 | 114.5 | 102.4 | 101.0 | 282.8 | 90.1 | 164.5 |
| **1931** | **98.3** | **170.2** | **85.4** | **103.1** | **107.4** | **147.1** | **93.1** | **90.0** | **106.3** | **107.8** | **88.6** | **364.5** | **92.1** | **211.3** |

# Iron and Steel Industry

OPERATIONS in the iron and steel industry in November were marked by a contraseasonal upturn in steel ingot production, largely as a result of an increase in the output of the relatively small item of Bessemer steel. The gain, however, was made at the expense of the tonnage of unfilled orders. The adjusted production index of the Federal Reserve Board advanced 7 per cent above the October level, the first gain since last March, and for the elapsed 11 months of 1931 the index averaged 37 per cent below a year ago. Employment and pay-roll totals for the month did not reflect the increased activity in the industry as both indexes continued to decline. The adjusted index of employment was 1.4 per cent below October and 19 per cent below a year ago, while pay rolls were down 6.2 per cent and 40 per cent, respectively, for the same months.

Pig-iron production was smaller than in October, and the daily average output, which has been successively lower each month since April, fell 2 per cent during the month. Furnaces in blast at the end of November numbered 67 with a daily capacity of 35,810 long tons, compared with 107 furnaces with a capacity of 60,205 tons in blast at the end of November, 1930.

Steel ingot production increased for the second consecutive month, while the daily average output advanced 8 per cent, the first gain since spring. Operations during the month at 30 per cent of capacity compares with 28 per cent in the two months immediately preceding, but the November rise in production represented only a temporary condition as the average operating rate so far in December dropped to 25 per cent. The decline in unfilled tonnage of the United States Steel Corporation, which reduced the total to the lowest since 1910, was not only in contrast to the usual seasonal increase, but the rate of decline was the largest since August.

The recession in iron and steel exports was halted in November, although the actual increase was small. Iron and steel imports have been about the same for the past four months. Prices continue under pressure, and the composite iron and steel price has recently fallen to $30.28 per ton, compared with the December, 1930, average of $31.76. Finished steel prices were maintained in November, but weakness has developed in numerous finished articles during the current month. Scrap prices have again receded in December following the temporary halt in the decline last month.

## IRON AND STEEL STATISTICS

| Year and month | General operations | | | | Iron and steel | | Pig-iron production | Steel ingots | | Fabricated structural steel | | United States Steel Corporation, unfilled orders end of month | Manganese ore imports (Manganese content) | Prices | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. R. B. index (adjusted)[1] | Rate of operations, electric energy consumption | Employment adjusted[1] | Pay rolls unadjusted | Exports | Imports | | Production | Per cent of capacity | New orders | Shipments | | | Steel billets, Bessemer (Pittsburgh) | Iron and steel composite | Structural steel beams | Composite finished steel |
| | Monthly average, 1923-1925=100 | | | | Thousands of long tons | | | | Per cent | Thousands of short tons | | Thousands of long tons | | Dolls. per long ton | | Dolls. per 100 pounds | |
| 1929: November | 100 | 123.2 | 97.4 | 100.0 | 242 | 44 | 3,181 | 3,521 | 69 | 212 | 264 | 4,125 | 24 | 35.00 | 36.04 | 1.90 | 2.50 |
| 1930: | | | | | | | | | | | | | | | | | |
| November | 65 | 106.5 | 80.2 | 68.9 | 112 | 35 | 1,867 | 2,212 | 44 | 151 | 195 | 3,640 | 10 | 31.00 | 31.95 | 1.60 | 2.20 |
| December | 59 | 110.2 | 79.1 | 66.7 | 102 | 24 | 1,666 | 1,980 | 38 | 153 | 168 | 3,944 | 29 | 30.60 | 31.76 | 1.60 | 2.19 |
| 1931: | | | | | | | | | | | | | | | | | |
| January | 64 | 103.4 | 77.5 | 62.4 | 93 | 34 | 1,714 | 2,459 | 43 | 162 | 172 | 4,132 | 17 | 30.00 | 31.70 | 1.63 | 2.22 |
| February | 73 | 116.5 | 75.9 | 67.5 | 91 | 22 | 1,707 | 2,502 | 49 | 158 | 166 | 3,965 | 10 | 30.00 | 31.65 | 1.65 | 2.22 |
| March | 78 | 119.4 | 76.6 | 70.0 | 110 | 33 | 2,032 | 2,994 | 54 | 184 | 151 | 3,995 | 2 | 30.00 | 31.66 | 1.65 | 2.23 |
| April | 75 | 108.1 | 76.5 | 69.1 | 101 | 41 | 2,020 | 2,722 | 49 | 293 | 158 | 3,898 | 33 | 30.00 | 31.61 | 1.65 | 2.22 |
| May | 72 | 106.8 | 74.8 | 64.9 | 91 | 30 | 1,994 | 2,505 | 45 | 153 | 148 | 3,620 | 21 | 29.50 | 31.39 | 1.65 | 2.21 |
| June | 64 | 86.6 | 72.6 | 57.6 | 76 | 31 | 1,639 | 2,076 | 38 | 177 | 162 | 3,479 | 37 | 29.00 | 31.02 | 1.65 | 2.19 |
| July | 59 | 83.1 | 72.1 | 52.4 | 84 | 28 | 1,463 | 1,886 | 34 | 159 | 182 | 3,405 | 38 | 29.00 | 31.05 | 1.65 | 2.20 |
| August | 51 | 78.0 | 70.3 | 50.6 | 73 | 22 | 1,281 | 1,719 | 31 | 124 | 169 | 3,169 | 22 | 29.00 | 31.05 | 1.60 | 2.19 |
| September | 46 | 78.3 | 67.4 | 45.2 | 70 | 25 | 1,169 | 1,548 | 28 | 197 | 150 | 3,145 | 27 | 29.00 | 31.03 | 1.60 | 2.20 |
| October | 43 | 76.3 | 66.2 | 43.9 | 59 | 23 | 1,173 | 1,592 | 28 | 110 | 146 | 3,119 | 21 | 29.00 | 30.81 | 1.60 | 2.18 |
| **November** | **46** | **77.0** | **65.3** | **41.2** | **60** | **23** | **1,103** | **1,594** | **30** | **87** | **112** | **2,934** | **9** | **29.00** | **30.61** | **1.60** | **2.18** |
| Monthly average, January through November: | | | | | | | | | | | | | | | | | |
| 1929 | 134 | 152.0 | 99.3 | 107.1 | 256 | 48 | 3,586 | 4,674 | 92 | 300 | 278 | 4,138 | 28 | 34.66 | 36.53 | 1.92 | 2.54 |
| 1930 | 97 | 125.1 | 87.8 | 86.0 | 171 | 37 | 2,703 | 3,391 | 66 | 231 | 256 | 4,004 | 23 | 31.95 | 33.72 | 1.72 | 2.33 |
| **1931** | **61** | **94.0** | **72.3** | **56.8** | **83** | **28** | **1,572** | **2,145** | **39** | **164** | **156** | **3,533** | **22** | **29.41** | **31.23** | **1.63** | **2.20** |

[1] Adjusted for seasonal variation.

# Chemical Industries

ACTIVITY in the chemical industries was further curtailed in November. According to the index of the Federal Reserve Board, employment receded 3 per cent when adjusted for seasonal movements. The unadjusted pay-roll index declined 5 per cent. The average pay rolls for the first 11 months of the current year are 19 per cent below the same period in 1930 and employment has fallen 15 per cent for the same comparable periods. Compared with November, 1930, the levels of pay rolls and employment have dropped 20 per cent and 15 per cent, respectively, in a period of one year.

Naval stores production was lower after the gain of the preceding month, the rosin output falling 18 per cent. Turpentine manufactured during November was 10 per cent less than the October product and 46 per cent below November of 1930. By-product coke output failed to maintain the gain which it made in October and the November production was the lowest of any month in the present year. The average monthly product for the period from January through November declined 28 per cent from the comparable period in 1930.

Manufactured chemical stocks rose during November despite the curtailment in many lines of production. This increase is a continuation of the movement of the two preceding months and has brought the stock level close to the high point of the year. The increase over the identical stocks of November, 1929 and 1930, however, is only 4 per cent. Stocks of raw materials declined 5 per cent in November and the supply now on hand is 11 per cent below the same month in 1930.

Fertilizer consumption, which had increased for the preceding two months contrary to the usual seasonal demand, receded during November. Consumption in November, 1930, was 8 per cent above the present year. The average amount of fertilizer used in the first 11 months of the current year was 25 per cent below the consumption in the same months of 1930. The average for 1930 remained at the 1929 level.

Imports of potash salts fell sharply in November and reached the lowest total for the year. This is in line with the usual seasonal movement but the recession this year was more marked. Of the aggregate monthly import of 18,872 long tons, muriate of potash was the largest item and accounted for 8,128 tons. Crude sulphate received totaled 1,105 tons, kainite 403 tons, and the remainder was distributed among the lesser salts. Nitrate of soda imports declined 12 per cent from the October total, bringing the average import for the first 11 months of the current year to a level approximately equal to that of the same months in 1930.

## CHEMICALS STATISTICS

| Year and month | General operations | | | | | Ethyl alcohol | Explosives | Rosin, wood | Turpentine, wood | Superphosphates | By-product coke | Arsenic, refined | Fertilizer | Potash salts | Nitrate of soda |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Employment F. R. B. Indexes | | | Stocks | | | | | | | | | | | |
| | Adjusted | Unadjusted | Pay rolls, unadjusted | Manufactured goods | Raw materials | Production | | | | | | | Consumption | Imports | |
| | Monthly average, 1923-1925=100 | | | | | Thous. of gals. | Thous. of lbs. | Barrels | | Thous. of short tons | | Short tons | Thous. of short tons | Long tons | |
| 1929: November | 113.4 | 113.8 | 115.6 | 124.2 | 129.2 | 20,898 | 36,134 | 40,678 | 7,498 | 345 | 4,316 | 1,197 | 83 | 50,196 | 43,047 |
| 1930: | | | | | | | | | | | | | | | |
| November | 98.3 | 98.6 | 96.1 | 124.2 | 128.3 | 20,861 | 30,248 | 38,931 | 6,584 | 303 | 3,114 | 1,508 | 72 | 19,706 | 35,474 |
| December | 97.9 | 97.8 | 94.7 | 123.9 | 124.2 | 17,770 | 24,024 | 34,332 | 6,200 | 336 | 3,055 | 1,439 | 74 | 25,324 | 35,512 |
| 1931: | | | | | | | | | | | | | | | |
| January | 96.6 | 96.2 | 90.4 | 128.8 | 107.7 | 11,869 | 24,056 | 24,488 | 4,757 | 326 | 3,092 | 1,570 | 343 | 41,663 | 45,890 |
| February | 94.5 | 95.6 | 92.9 | 130.7 | 103.2 | 8,859 | 28,751 | 32,332 | 5,634 | 249 | 2,898 | 1,409 | 640 | 33,822 | 68,421 |
| March | 89.8 | 93.3 | 89.8 | 132.0 | 96.5 | 11,929 | 25,414 | 33,544 | 5,740 | 226 | 3,256 | 1,506 | 1,352 | 60,394 | 120,164 |
| April | 91.7 | 96.7 | 92.0 | 129.0 | 91.5 | 11,162 | 27,647 | 35,585 | 6,344 | 195 | 3,146 | 964 | 1,132 | 30,206 | 67,008 |
| May | 93.0 | 91.4 | 88.4 | 129.3 | 88.4 | 13,120 | 26,960 | 33,593 | 5,996 | 162 | 3,126 | 1,044 | 195 | 17,706 | 34,006 |
| June | 89.6 | 86.7 | 84.1 | 123.3 | 87.9 | 13,111 | 25,981 | 34,747 | 5,675 | 146 | 2,715 | 1,024 | 74 | 14,650 | 29,711 |
| July | 89.4 | 86.2 | 82.9 | 119.2 | 86.7 | 11,975 | 25,068 | 28,495 | 4,370 | 143 | 2,569 | 997 | 25 | 67,958 | 18,809 |
| August | 86.6 | 84.4 | 80.4 | 117.4 | 85.3 | 12,363 | 24,548 | 17,074 | 2,607 | 162 | 2,443 | 1,238 | 40 | 65,043 | 35,367 |
| September | 85.7 | 86.0 | 80.8 | 120.4 | 99.5 | 12,952 | 26,598 | 25,058 | 3,797 | 142 | 2,310 | 1,252 | 91 | 66,440 | 48,590 |
| October | 85.4 | 85.7 | 80.8 | 127.0 | 120.7 | 16,037 | 25,282 | 26,102 | 3,922 | 141 | 2,389 | 1,180 | 94 | 50,071 | 33,968 |
| November | 83.1 | 83.5 | 76.4 | 129.6 | 114.1 | 14,684 | ..... | 21,440 | 3,547 | ..... | 2,276 | 1,126 | 66 | 12,872 | 29,871 |
| Monthly average, January through November: | | | | | | | | | | | | | | | |
| 1929 | ..... | 112.3 | 113.4 | 121.0 | 109.3 | 17,309 | 30,500 | 37,537 | 6,945 | 300 | 4,476 | 915 | 493 | 66,473 | 78,626 |
| 1930 | ..... | 105.1 | 104.8 | 129.2 | 108.7 | 13,582 | 32,558 | 39,978 | 7,014 | 333 | 3,831 | 1,041 | 493 | 73,505 | 48,398 |
| 1931 | ..... | 89.6 | 85.4 | 128.1 | 98.3 | 12,496 | ..... | 28,405 | 4,763 | ..... | 2,747 | 1,210 | 368 | 41,893 | 48,344 |

# Automobiles and Rubber

PRODUCTION in the automobile industry was further curtailed during November carrying the output totals to the lowest point of the year. The normal seasonal movement is downward, but the November decline in the current year is less marked because of the extremely low output previously recorded. An expected increase in activity has not appeared and operations in the industry continue to lag. Many price reductions have taken place in manufacturing materials but production delay persists and specifications are held back while producers endeavor to analyze the 1932 market. Passenger cars absorbed the major portion of the loss and the total product in this class was 17 per cent lower in November than in October. Truck production made a somewhat better showing and decreased only 9 per cent between October and November of the current year.

New passenger car registrations during November were estimated by R. L. Polk & Co. at 76,000 to 78,000 whereas the 5-year average is 157,000. This is based upon complete returns from 34 States covering approximately 60 per cent of the United States. Sales totals for November were placed at 26 per cent below October and 16 per cent below November, 1930.

Price stability has been maintained in the tire industry throughout the year. The first marked change occurred early in December when price reductions of 5 to 19 per cent were instituted in all lines. During the preceding 11-month period the costs of raw materials had been subtsantially reduced. Crude rubber had declined approximately 40 per cent in price and the first increase occurred during the week ended December 19. Reports at that time of curtailment negotiations between two large producing nations caused a slight rise in the price level. The cost of cotton fabric, which is next in importance to crude rubber in tire-manufacturing materials, was reduced about 25 per cent between January and December.

Imports of crude rubber into the United States have been somewhat increased by lowered consumption and depreciated currency in England and some of the continental countries. If this diversion continues further, the addition to present stocks may make it difficult to maintain any price advance. World stocks at the end of November registered a further increase bringing the monthly average stock for January through November to a point 27 per cent above the same months in 1930.

## AUTOMOBILE AND RUBBER STATISTICS

| Year and month | Automobile production | | | | | | Automobile exports | | Automobile accessories, shipments | Automobile financing | | Pneumatic tires | | Crude rubber | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. R. B. index, adjusted | United States | | | | Canada | Passenger cars | Trucks | | By wholesale dealers | By consumers | Production | Domestic shipments | Imports | World stocks, end of month |
| | | Total | Passenger cars | Taxicabs | Trucks | Total production | | | | | | | | | |
| | Monthly averages, 1923-1925=100 | Thousands | | Number | | | | | January, 1925=100 | Millions of dollars | | Thousands | | Long tons | |
| 1929: November | 113 | 218 | 168 | 1,646 | 48,081 | 9,424 | 13,933 | 11,886 | 83 | 45 | 95 | 2,703 | 2,500 | 43,901 | 300,443 |
| 1930: | | | | | | | | | | | | | | | |
| November | 74 | 137 | 101 | 609 | 35,613 | 5,407 | 6,039 | 6,039 | 63 | 30 | 60 | 2,123 | 2,119 | 29,733 | 427,427 |
| December | 85 | 156 | 121 | 1,425 | 33,443 | 5,622 | 9,096 | 5,102 | 55 | 36 | 66 | 2,251 | 2,550 | 37,370 | 439,728 |
| 1931: | | | | | | | | | | | | | | | |
| January | 63 | 172 | 138 | 512 | 33,531 | 6,496 | 8,304 | 4,534 | 46 | 40 | 62 | 2,940 | 2,855 | 36,598 | 460,479 |
| February | 68 | 220 | 180 | 529 | 39,521 | 9,871 | 9,187 | 4,187 | 53 | 50 | 66 | 3,188 | 2,580 | 34,374 | 471,285 |
| March | 67 | 276 | 231 | 410 | 45,161 | 12,993 | 11,526 | 6,002 | 65 | 63 | 92 | 3,730 | 3,143 | 40,788 | 487,716 |
| April | 77 | 337 | 286 | 665 | 50,022 | 17,150 | 11,228 | 5,499 | 66 | 71 | 113 | 3,955 | 3,804 | 44,908 | 487,696 |
| May | 78 | 317 | 271 | 340 | 45,688 | 12,738 | 8,468 | 4,498 | 61 | 73 | 109 | 4,543 | 4,197 | 35,844 | 497,707 |
| June | 65 | 251 | 210 | 360 | 40,244 | 6,835 | 5,843 | 4,340 | 61 | 58 | 105 | 4,538 | 4,320 | 46,939 | 496,238 |
| July | 60 | 218 | 184 | 180 | 34,317 | 4,220 | 6,478 | 3,518 | 57 | 49 | 96 | 3,941 | 4,244 | 44,052 | 509,139 |
| August | 52 | 187 | 155 | 104 | 31,772 | 4,544 | 5,699 | 2,356 | 66 | 44 | 80 | 3,125 | 3,845 | 39,033 | 511,754 |
| September | 40 | 141 | 109 | 141 | 31,338 | 2,646 | 4,577 | 4,171 | 66 | 36 | 68 | 2,538 | 3,034 | 38,933 | 519,846 |
| October | 26 | 80 | 58 | 651 | 21,727 | 1,440 | 3,207 | 4,500 | 80 | 26 | 61 | 2,379 | 2,185 | 41,398 | 539,907 |
| **November** | **34** | **69** | **48** | **999** | **19,683** | **1,247** | **1,928** | **1,184** | ---------- | **16** | **49** | ---------- | ---------- | **45,103** | **558,345** |
| Monthly average, January through November: | | | | | | | | | | | | | | | |
| 1929 | 136 | 476 | 407 | 1,464 | 67,592 | 23,436 | 29,601 | 16,895 | 86 | 60 | 140 | 4,776 | 4,612 | 47,325 | 263,164 |
| 1930 | 83 | 291 | 241 | 683 | 48,891 | 13,506 | 13,088 | 7,256 | 71 | 57 | 103 | 3,502 | 3,480 | 40,741 | 392,027 |
| **1931** | **57** | **206** | **170** | **445** | **35,728** | **7,290** | **6,950** | **4,072** | ---------- | **48** | **82** | ---------- | ---------- | **40,725** | **503,647** |

# Textile Industry

ACTIVITY in the textile industry in November, 1931, was about the same as that in the preceding month. The consumption of cotton per working day was 17,785 running bales, 2.5 per cent more than in October, 1931, and 3.3 per cent greater than in November, 1930; the change from October to November, 1931, was, however, 2.3 per cent less than the usual seasonal increase. Cotton spindle activity averaged 85.8 per cent of capacity on a single shift basis, a rate of activity slightly greater than in October, 1931, and 7.1 per cent more than that in November of last year. Output of 23 groups of carded cotton fabrics, representing about one-half of the total cloth production, showed further increase in November and totaled 57,861,000 yards per week, 1.9 per cent more than in October, 1931, when the weekly output was already the largest in any month since June. November sales of these cloths were considerably smaller than in October and 3.1 per cent less than production; stocks at the end of the month were sufficient to fill slightly more than three-quarters of the unfilled orders. Prices of cotton goods, according to Fairchild's composite index, declined 4.3 per cent from October to November, to a level 26.6 per cent lower than in November, 1930, a drop during the past year considerably greater than the 15 per cent which has occurred in the general wholesale commodity price level.

Wool receipts at Boston declined in November as was usual at that season of the year, but they were about 11 per cent greater than in November, 1930. More significant, however, is the fact that receipts for the first 11 months of 1931 were about equal to those during the corresponding period of the past 2 years. The price of territory fine staple, scoured wool at Boston was steady during November and averaged the same as in October, 1931. Woolen spindles were run at a lower percentage of capacity in November than in the preceding month. Worsted spindles were 4 per cent more active. Sales of wool fabrics were reported to be slightly smaller in November than in October.

November deliveries of raw silk to American mills were about 10 per cent less than in October, but about equal to those of the corresponding month a year ago. From January to November, 1931, inclusive, mill silk requirements exceeded by 3.7 per cent those of the first 11 months of 1930. Wholesale prices of "A" grade bleached rayon have remained at 75 cents per pound since December, 1930.

## TEXTILE STATISTICS

| Year and month | F. R. B. index, adjusted | Cotton, raw | | Cotton manufactures | | | | | | Wool | | Wool manufactures | | Silk | Rayon, wholesale price, A grade, bleached |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mill consumption | Stocks, mills and warehouses, end of month | Spindle activity, total | Cotton textiles (23 groups of textile constructions) | | | | Wholesale price, Fairchild composite | Receipts, at Boston, total | Price, territory staple, scoured (Boston) | Spinning spindles | | Deliveries to mills | |
| | | | | | Production [1] | Shipments [1] | Stocks, end of month | Unfilled orders, end of month | | | | Woolen | Worsted | | |
| | Monthly average, 1923–1925=100 | Bales | Thousands of bales | Millions of spindle hours | Thousands of yards | | | | Monthly average, 1911–1913=100 | Thousands of pounds | Dollars per pound | Per cent of active hours to total reported | | Bales | Dollars per pound |
| 1929: November | 108 | 541,153 | 7,468 | 7,821 | 345,146 | 276,377 | 431,426 | 342,232 | 159 | 12,714 | .88 | 69 | 65 | 50,562 | 1.15 |
| 1930: | | | | | | | | | | | | | | | |
| November | 93 | 415,315 | 9,962 | 5,825 | 206,633 | 200,661 | 356,861 | 333,251 | 124 | 6,240 | .72 | 52 | 52 | 57,333 | .95 |
| December | 87 | 405,518 | 10,031 | 5,924 | 234,052 | 226,951 | 363,962 | 288,956 | 122 | 11,574 | .72 | 45 | 52 | 55,424 | .95 |
| 1931: | | | | | | | | | | | | | | | |
| January | 86 | 450,117 | 9,557 | 6,365 | 202,149 | 210,597 | 355,514 | 317,465 | 120 | 10,795 | .68 | 48 | 52 | 55,910 | .75 |
| February | 93 | 433,376 | 8,864 | 6,122 | 212,168 | 248,354 | 319,328 | 395,802 | 119 | 13,269 | .66 | 66 | 54 | 54,242 | .75 |
| March | 97 | 490,509 | 8,136 | 7,000 | 271,638 | 317,185 | 273,781 | 373,951 | 121 | 13,279 | .66 | 57 | 57 | 55,383 | .75 |
| April | 98 | 508,691 | 7,404 | 7,125 | 225,955 | 217,582 | 282,154 | 294,118 | 119 | 17,775 | .65 | 55 | 57 | 41,356 | .75 |
| May | 98 | 465,363 | 6,748 | 6,733 | 225,392 | 205,603 | 301,943 | 248,544 | 115 | 30,341 | .63 | 60 | 66 | 45,073 | .75 |
| June | 97 | 453,901 | 6,102 | 6,630 | 260,163 | 273,871 | 288,235 | 330,575 | 112 | 56,743 | .62 | 61 | 73 | 42,161 | .75 |
| July | 102 | 450,884 | 5,520 | 6,528 | 192,545 | 211,331 | 269,449 | 277,597 | 111 | 79,381 | .62 | 64 | 83 | 44,746 | .75 |
| August | 100 | 425,819 | 5,266 | 6,193 | 209,050 | 227,644 | 250,855 | 217,508 | 100 | 36,850 | .63 | 66 | 78 | 46,454 | .75 |
| September | 100 | 463,704 | 7,072 | 6,540 | 272,118 | 278,049 | 244,924 | 227,167 | 95 | 18,707 | .62 | 63 | 70 | 53,819 | .75 |
| October | 93 | 462,025 | 10,566 | 6,595 | 227,116 | 216,207 | 255,833 | 344,639 | 91 | 9,628 | .58 | 53 | 49 | 56,668 | .75 |
| **November** | **90** | **428,870** | **12,137** | **6,014** | **231,446** | **213,889** | **273,390** | **354,957** | **87** | **7,026** | **.58** | **46** | **51** | **50,645** | **.75** |
| Monthly average, January through November: | | | | | | | | | | | | | | | |
| 1929 | 117 | 599,746 | 4,487 | 8,467 | 298,513 | 294,906 | 374,023 | 408,185 | 161 | 26,293 | .98 | 79 | 68 | 52,326 | 1.24 |
| 1930 | 92 | 452,025 | 6,187 | 6,432 | 235,061 | 244,529 | 427,188 | 309,680 | 134 | 27,372 | .76 | 56 | 54 | 47,891 | 1.06 |
| **1931** | **96** | **457,569** | **7,943** | **6,531** | **229,976** | **238,210** | **283,219** | **307,484** | **108** | **26,709** | **.63** | **58** | **63** | **49,678** | **.75** |

[1] Months do not contain same number of weeks.

# Food Industries

OPERATIONS in the food-preparation industries continued during November at the same seasonal level recorded for the preceding month. Employment, as measured by the Federal Reserve Board's adjusted index, had a fractional increase.

Butter and cheese prices averaged lower for November than in the preceding month and production increased contrary to the usual seasonal movements. Cold-storage holdings of creamery butter on December 1 amounted to 42,300,000 pounds, which is less than half the stock on hand a year ago. If production continues at the present rate it will counteract somewhat the full effect of the low-storage stocks. Egg prices which rose seasonally during November fell sharply during the first 10 days of December. A decline also occurred early in December of last year, but this is contrary to the usual seasonal movement.

Frozen poultry in storage on December 1 amounted to 90,000,000 pounds as compared with a 5-year average of 94,000,000 pounds. Particular significance is attached to storage stocks at this season of the year as an indicator of one of the major sources of supply during the succeeding spring and summer.

Receipts of lambs and sheep at seven leading markets were 34 per cent higher during November than for the same month a year ago. Stocks continued large. Stock and feeder lambs and sheep, shipped through markets into the Corn Belt States in November, reached the greatest total since 1922. Lamb prices were at the lowest level since 1911.

Raw sugar imports continued in November the decline of the previous two months and reached the lowest monthly total of the year. Coffee imports increased further and the monthly average for the first 11 months of the current year is substantially above 1929 and 1930.

Receipts of wheat at the principal American markets declined 21 per cent in November when compared with the preceding month, but the receipts of November, 1930, were exceeded by 4 per cent. The monthly average receipts for the months of January through November of the present year were approximately the same as recorded in 1929 and exceeded 1930 by 7 per cent.

## FOODSTUFFS STATISTICS

| Year and month | Food products industry | | | Crop marketings | Animal products, marketings | Wheat | | | | Corn | | | Animal products | | | Total raw sugar imports | Coffee imports |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. R. B. | | | | | | | | | | | | | | | | |
| | Production adjusted | Employment adjusted | Wholesale prices | | | Receipts, principal markets | Visible supply, United States, end of month | Exports, including flour | Price, wtd. average, 6 markets, all grades | Receipts, principal markets | Visible supply, United States | Price, No. 3 yellow, Chicago | Cattle receipts | Hog receipts | Total meats, cold-storage, end of month | | |
| | Monthly average, 1923-1925=100 | | Monthly average 1926=100 | Monthly average, 1923-1925=100 | | Millions of bushels | | | Dollars per bushel | Millions of bushels | | Dollars per bushel | Thousands | | Millions of pounds | Thousands of long tons | Thousands of bags |
| 1929: November | 96 | 99.1 | 98.8 | 143.3 | 95.2 | 21 | 192 | 15 | 1.21 | 19 | 4 | 0.88 | 1,943 | 3,933 | 730 | 215 | 822 |
| 1930: | | | | | | | | | | | | | | | | | |
| November | 94 | 91.4 | 85.7 | 148.8 | 88.5 | 25 | 202 | 8 | .70 | 17 | 7 | .71 | 1,696 | 3,439 | 597 | 344 | 967 |
| December | 89 | 90.8 | 81.8 | 105.8 | 97.8 | 22 | 196 | 6 | .73 | 27 | 17 | .69 | 1,736 | 4,002 | 737 | 312 | 1,098 |
| 1931: | | | | | | | | | | | | | | | | | |
| January | 93 | 91.2 | 80.1 | 74.3 | 94.7 | 29 | 197 | 6 | .71 | 19 | 18 | .65 | 1,508 | 4,652 | 959 | 204 | 1,094 |
| February | 92 | 90.3 | 77.1 | 66.8 | 85.5 | 31 | 202 | 4 | .71 | 21 | 20 | .61 | 1,303 | 3,704 | 1,092 | 364 | 1,289 |
| March | 87 | 89.9 | 76.7 | 64.4 | 94.0 | 31 | 207 | 5 | .71 | 19 | 22 | .60 | 1,535 | 3,207 | 1,072 | 515 | 1,407 |
| April | 96 | 90.6 | 75.6 | 53.1 | 101.2 | 21 | 200 | 7 | .75 | 17 | 20 | .58 | 1,617 | 3,067 | 1,100 | 415 | 1,126 |
| May | 91 | 90.8 | 72.9 | 62.0 | 106.7 | 31 | 198 | 10 | .76 | 11 | 12 | .56 | 1,551 | 2,938 | 1,062 | 313 | 1,415 |
| June | 83 | 88.7 | 72.4 | 55.2 | 118.0 | 30 | 191 | 12 | .67 | 13 | 8 | .58 | 1,540 | 2,854 | 1,014 | 382 | 1,037 |
| July | 88 | 88.1 | 73.1 | 103.0 | 105.2 | 104 | 218 | 17 | .47 | 16 | 9 | .57 | 1,488 | 2,511 | 946 | 413 | 1,100 |
| August | 88 | 88.1 | 73.7 | 83.9 | 94.3 | 61 | 243 | 12 | .51 | 11 | 8 | .46 | 1,821 | 2,454 | 798 | 532 | 884 |
| September | 92 | 87.5 | 72.9 | 119.3 | 91.5 | 39 | 239 | 12 | .56 | 8 | 6 | .42 | 1,797 | 2,727 | 638 | 330 | 794 |
| October | 91 | 85.5 | 72.6 | 219.2 | 93.6 | 33 | 231 | 15 | .58 | 14 | 7 | .38 | 2,137 | 3,462 | 506 | 269 | 907 |
| **November** | **91** | **85.9** | **70.9** | **122.6** | **93.2** | **26** | **230** | **13** | **.69** | **12** | **10** | **.43** | **1,866** | **3,752** | **520** | **189** | **936** |
| Monthly average, January through November: | | | | | | | | | | | | | | | | | |
| 1929 | 98 | 99.7 | 99.9 | 109.2 | 99.7 | 40 | 147 | 13 | 1.17 | 21 | 17 | .94 | 1,717 | 3,622 | 1,083 | 490 | 934 |
| 1930 | 94 | 95.2 | 91.0 | 100.3 | 98.4 | 37 | 166 | 13 | .94 | 20 | 12 | .83 | 1,675 | 3,343 | 863 | 384 | 1,002 |
| **1931** | **90** | **88.8** | **74.4** | **93.1** | **98.3** | **40** | **214** | **10** | **.65** | **15** | **13** | **.53** | **1,651** | **3,212** | **882** | **357** | **1,090** |

# Forest Products

PRODUCTION of lumber as measured by estimated timber cut reached a new low for the depression in November, the Federal Reserve Board index adjusted for seasonal variation dropping to only 30 per cent of the 1923–1925 average. This represents a decline of 14 per cent from the month previous, 36 per cent from November, 1930, and 66 per cent from November, 1929. The average monthly production for the first 11 months of the year was only about two-thirds that during the same period in 1930 and slightly less than one-half the production during the 11-month period in 1929.

A decrease in employment during November of 3.4 per cent was greater than the decline usual for this season of the year, and the adjusted index of the Federal Reserve Board was 2.1 per cent lower than in October. November employment was 22 per cent under November, 1930, and 44 per cent under 1929.

The volume of pay rolls in the lumber industry declined during November to a new low for the depression. The average monthly pay roll for the first 11 months of the year was 37 per cent under that for the same period in 1930.

Marketings of forest products in November were under those of October, but above January and February. November marketings were 58.1 per cent of the 1923–1925 average, but only 5 per cent less than in the corresponding month a year ago. Naval stores marketings declined somewhat seasonally in November, but were comparatively well sustained. The average marketings for the first 11 months of 1931 were 7 per cent above the 1923–1925 average, but were approximately 13 per cent below the 1930 average for the same period.

Carloadings of forest products declined sharply to a new low for the depression. Marketings of naval stores declined during the month and were about 14 per cent under November, 1930.

Production of southern pine, Douglas fir, and hardwoods during the first 11 months of 1931 averaged less than new orders, whereas during this period in 1930 production was exceeding the receipt of new orders. This reflected a better technical position of the industry although operations were at a comparatively low level.

Southern pine and Douglas fir production declined to new lows for the depression, and were each about 40 per cent under November, 1930. Production of southern pine during the first 11 months of 1931 was 41 per cent under that reported for the same period in 1930, while the production of Douglas fir declined 30 per cent.

## FOREST PRODUCTS STATISTICS

| Year and month | General operations | | | Indexes of marketing | | Southern pine | | | Douglas fir [1] | | | Hardwoods | | | Carloadings, forest products | Furniture, unfilled orders, southeastern district |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lumber production adjusted F. R. B. | Employment, adjusted | Pay roll, unadjusted | Total forest products | Naval stores | Production | New orders | Unfilled orders | Production | New orders | Unfilled orders | Production | New orders | Unfilled orders | | |
| | Monthly average 1923-1925=100 | | | | | Millions of feet board measure | | | | | | | | | Thousands of cars | Dollars per firm |
| 1929: November | 87 | 85.0 | 89.2 | 81.3 | 141.7 | ------ | ------ | ------ | 310 | 253 | 215 | 259 | 184 | 622 | 216 | ------ |
| 1930: | | | | | | | | | | | | | | | | |
| November | 47 | 60.4 | 54.7 | 61.5 | 112.9 | 185 | 177 | 105 | 192 | 186 | 176 | 143 | 133 | 452 | 136 | 19,917 |
| December | 50 | 58.8 | 50.4 | 56.6 | 117.7 | 157 | 146 | 99 | 167 | 189 | 188 | 134 | 125 | 456 | 121 | 14,400 |
| 1931: | | | | | | | | | | | | | | | | |
| January | 49 | 56.3 | 44.0 | 54.5 | 37.1 | 165 | 191 | 116 | 160 | 192 | 183 | 143 | 169 | 456 | 156 | 31,781 |
| February | 45 | 56.3 | 45.6 | 54.4 | 25.5 | 154 | 171 | 107 | 179 | 189 | 182 | 158 | 188 | 481 | 138 | 34,160 |
| March | 50 | 55.7 | 46.2 | 59.3 | 39.7 | 165 | 174 | 121 | 186 | 217 | 197 | 165 | 173 | 473 | 138 | 29,798 |
| April | 49 | 55.4 | 44.9 | 63.6 | 98.3 | 165 | 169 | 104 | 202 | 224 | 216 | 146 | 154 | 463 | 130 | 28,248 |
| May | 50 | 55.4 | 45.7 | 66.7 | 136.5 | 148 | 158 | 84 | 207 | 189 | 136 | 146 | 158 | 431 | 165 | 19,338 |
| June | 49 | 54.4 | 44.6 | 67.2 | 189.9 | 127 | 140 | 83 | 200 | 191 | 163 | 143 | 176 | 419 | 125 | 56,865 |
| July | 44 | 52.0 | 41.7 | 64.6 | 186.7 | 122 | 147 | 83 | 149 | 181 | 166 | 109 | 139 | 402 | 106 | 47,997 |
| August | 40 | 51.1 | 41.3 | 64.3 | 141.5 | 120 | 151 | 83 | 172 | 188 | 111 | 101 | 131 | 375 | 138 | 47,706 |
| September | 38 | 49.4 | 40.3 | 67.5 | 111.9 | 117 | 138 | 74 | 155 | 159 | 125 | 105 | 131 | 387 | 104 | 42,180 |
| October | 35 | 48.4 | 38.2 | 63.1 | 114.0 | 117 | 135 | 58 | 150 | 151 | 81 | 105 | 131 | 374 | 123 | 22,100 |
| **November** | **30** | **47.4** | **34.4** | **58.1** | **97.2** | **111** | **111** | **62** | **116** | **136** | **105** | ------ | ------ | ------ | **87** | ------ |
| Monthly average, January through November: | | | | | | | | | | | | | | | | |
| 1929 | 92 | 88.7 | 91.4 | 86.8 | 125.0 | ------ | ------ | ------ | 328 | 332 | 322 | 308 | 297 | 644 | 279 | ------ |
| 1930 | 68 | 70.2 | 67.1 | 68.0 | 122.9 | 232 | 216 | 150 | 245 | 241 | 206 | 208 | 174 | 554 | 204 | 37,300 |
| **1931** | **44** | **52.9** | **42.4** | **62.1** | **107.1** | **137** | **153** | **89** | **171** | **183** | **151** | ------ | ------ | ------ | **128** | ------ |

[1] Data for May, August, and October contain 5 weeks; other months, 4 weeks.

# EXPORTS OF FERTILIZER AND FERTILIZER MATERIALS [1]

[Long tons]

| Months | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Total** | | | | | | | | | |
| January | 67,011 | 67,975 | 79,200 | 66,130 | 60,121 | 67,677 | 87,632 | 99,758 | 106,717 | 94,092 |
| February | 51,631 | 72,313 | 86,942 | 78,058 | 93,365 | 110,890 | 76,169 | 101,885 | 164,733 | 103,951 |
| March | 66,439 | 89,730 | 73,109 | 94,450 | 106,850 | 109,580 | 114,623 | 165,771 | 155,817 | 112,725 |
| April | 87,161 | 97,849 | 93,828 | 86,202 | 110,588 | 128,672 | 130,269 | 135,905 | 193,555 | 146,539 |
| May | 157,795 | 105,577 | 126,271 | 123,813 | 116,179 | 119,927 | 148,745 | 114,706 | 145,126 | 107,900 |
| June | 66,764 | 117,720 | 74,150 | 94,725 | 90,798 | 111,497 | 112,077 | 141,619 | 113,741 | 89,182 |
| July | 57,765 | 119,423 | 98,513 | 120,171 | 88,622 | 138,023 | 98,803 | 123,535 | 144,121 | 89,409 |
| August | 97,454 | 95,326 | 87,687 | 94,112 | 113,785 | 100,659 | 103,575 | 112,667 | 115,580 | 115,207 |
| September | 55,718 | 130,419 | 76,457 | 111,474 | 97,701 | 113,322 | 99,611 | 159,468 | 121,357 | 127,953 |
| October | 69,486 | 63,739 | 102,371 | 87,568 | 73,384 | 96,672 | 87,115 | 129,849 | 126,621 | 94,416 |
| November | 92,074 | 85,133 | 78,366 | 60,228 | 81,033 | 95,605 | 94,085 | 101,823 | 92,258 | ---------- |
| December | 65,649 | 54,484 | 91,441 | 125,423 | 70,356 | 78,519 | 66,134 | 147,309 | 71,933 | ---------- |
| Total | 934,947 | 1,099,688 | 1,068,335 | 1,142,354 | 1,102,782 | 1,271,043 | 1,218,838 | 1,534,295 | 1,551,559 | ---------- |
| | **Nitrogenous** | | | | | | | | | |
| January | 23,367 | 9,146 | 13,739 | 8,467 | 11,065 | 18,916 | 9,300 | 13,269 | 12,022 | 13,331 |
| February | 20,976 | 12,751 | 11,839 | 7,201 | 6,527 | 17,269 | 6,897 | 7,628 | 12,593 | 18,311 |
| March | 14,593 | 13,058 | 11,737 | 9,702 | 11,118 | 12,221 | 9,256 | 24,913 | 10,816 | 19,819 |
| April | 13,130 | 19,220 | 11,490 | 10,207 | 13,092 | 7,984 | 6,823 | 12,972 | 7,083 | 21,931 |
| May | 12,122 | 27,482 | 8,442 | 7,217 | 11,244 | 17,636 | 10,036 | 8,648 | 10,491 | 6,619 |
| June | 6,075 | 15,062 | 9,155 | 9,938 | 19,667 | 13,013 | 8,906 | 4,949 | 6,422 | 7,690 |
| July | 10,797 | 18,076 | 9,137 | 20,306 | 17,184 | 13,244 | 11,699 | 12,131 | 3,156 | 7,078 |
| August | 11,513 | 8,946 | 7,340 | 10,458 | 14,374 | 7,579 | 9,861 | 10,002 | 7,713 | 7,682 |
| September | 9,396 | 13,168 | 9,075 | 15,253 | 28,466 | 11,326 | 6,947 | 19,830 | 3,305 | 7,554 |
| October | 6,507 | 10,769 | 11,648 | 8,314 | 25,196 | 13,284 | 8,495 | 17,528 | 16,535 | 13,452 |
| November | 9,600 | 7,507 | 12,466 | 9,603 | 15,570 | 8,192 | 8,209 | 15,460 | 11,914 | ---------- |
| December | 10,918 | 11,783 | 7,008 | 13,277 | 17,261 | 6,979 | 4,358 | 21,789 | 5,164 | ---------- |
| Total | 148,994 | 166,968 | 123,076 | 129,943 | 190,764 | 147,643 | 100,787 | 169,119 | 107,214 | ---------- |
| | **Phosphate materials** | | | | | | | | | |
| January | 41,458 | 55,974 | 61,903 | 50,187 | 44,352 | 46,121 | 72,206 | 69,663 | 78,950 | 75,153 |
| February | 26,950 | 54,492 | 73,200 | 66,980 | 78,871 | 85,852 | 58,792 | 85,725 | 140,797 | 80,696 |
| March | 46,973 | 70,461 | 49,766 | 76,569 | 84,501 | 81,106 | 85,439 | 123,094 | 129,881 | 84,682 |
| April | 65,801 | 69,621 | 68,304 | 67,305 | 83,660 | 109,265 | 104,014 | 99,794 | 163,780 | 112,717 |
| May | 143,745 | 67,365 | 108,839 | 106,056 | 95,393 | 95,477 | 118,990 | 91,916 | 124,553 | 91,049 |
| June | 59,963 | 96,738 | 58,759 | 82,865 | 66,086 | 93,107 | 96,755 | 126,372 | 104,195 | 79,472 |
| July | 46,431 | 95,380 | 88,097 | 98,418 | 64,065 | 120,664 | 84,326 | 106,399 | 137,648 | 80,670 |
| August | 82,484 | 84,040 | 74,921 | 78,435 | 90,694 | 82,323 | 85,816 | 94,163 | 98,479 | 105,717 |
| September | 43,721 | 111,549 | 59,239 | 86,544 | 60,825 | 92,743 | 80,939 | 130,422 | 114,161 | 115,621 |
| October | 59,435 | 50,667 | 83,356 | 74,622 | 44,690 | 77,477 | 69,874 | 105,615 | 105,353 | 75,114 |
| November | 76,847 | 73,138 | 58,103 | 46,194 | 52,587 | 78,398 | 78,348 | 78,583 | 74,863 | ---------- |
| December | 52,267 | 40,225 | 80,037 | 101,804 | 47,691 | 63,185 | 51,878 | 116,118 | 64,721 | ---------- |
| Total | 746,075 | 869,650 | 864,524 | 935,979 | 813,415 | 1,025,718 | 987,377 | 1,227,864 | 1,337,381 | ---------- |
| | **Prepared fertilizer** | | | | | | | | | |
| January | 1,602 | 946 | 1,186 | 1,663 | 1,071 | 450 | 227 | 1,001 | 5,947 | 495 |
| February | 2,039 | 388 | 590 | 314 | 551 | 954 | 2,261 | 3,273 | 7,610 | 462 |
| March | 2,472 | 1,585 | 4,474 | 3,503 | 3,741 | 1,662 | 3,571 | 3,627 | 3,887 | 469 |
| April | 1,806 | 1,334 | 5,160 | 3,585 | 5,326 | 2,622 | 3,656 | 5,006 | 9,025 | 1,136 |
| May | 1,220 | 3,858 | 7,897 | 6,653 | 6,429 | 858 | 7,172 | 5,235 | 2,022 | 734 |
| June | 65 | 713 | 5,649 | 390 | 988 | 998 | 844 | 3,455 | 1,413 | 106 |
| July | 86 | 4,231 | 944 | 194 | 1,888 | 651 | 1,274 | 1,514 | 634 | 497 |
| August | 376 | 637 | 767 | 1,726 | 1,889 | 630 | 984 | 2,885 | 1,588 | 383 |
| September | 645 | 735 | 2,295 | 5,713 | 1,046 | 1,369 | 2,686 | 521 | 1,290 | 915 |
| October | 1,051 | 902 | 3,285 | 2,636 | 1,148 | 2,438 | 1,864 | 207 | 1,623 | 300 |
| November | 2,187 | 1,606 | 1,551 | 1,898 | 1,071 | 1,518 | 1,608 | 277 | 882 | ---------- |
| December | 867 | 1,062 | 1,995 | 1,648 | 1,291 | 570 | 267 | 6,507 | 538 | ---------- |
| Total | 14,416 | 17,997 | 35,793 | 29,923 | 26,439 | 14,720 | 26,414 | 33,508 | 36,459 | ---------- |
| | **Other fertilizers** | | | | | | | | | |
| January | 584 | 1,909 | 2,372 | 5,813 | 3,633 | 2,190 | 5,899 | 15,825 | 9,798 | 5,113 |
| February | 1,666 | 4,682 | 1,313 | 3,563 | 7,416 | 6,815 | 8,219 | 5,259 | 3,733 | 4,482 |
| March | 2,401 | 4,626 | 7,132 | 4,676 | 7,490 | 14,591 | 16,357 | 14,137 | 11,233 | 7,755 |
| April | 6,424 | 7,674 | 8,874 | 5,105 | 8,510 | 8,801 | 15,776 | 18,133 | 13,667 | 10,755 |
| May | 708 | 6,872 | 1,093 | 3,887 | 3,113 | 5,956 | 12,547 | 8,907 | 8,060 | 9,498 |
| June | 661 | 5,207 | 587 | 1,532 | 4,057 | 4,379 | 5,572 | 6,843 | 1,711 | 1,914 |
| July | 451 | 1,736 | 335 | 1,253 | 5,485 | 3,464 | 1,504 | 3,491 | 2,683 | 1,164 |
| August | 3,081 | 1,703 | 4,659 | 3,493 | 6,828 | 10,127 | 6,914 | 5,617 | 7,800 | 1,425 |
| September | 1,956 | 4,967 | 5,848 | 3,964 | 7,364 | 7,884 | 9,039 | 8,695 | 2,601 | 3,863 |
| October | 2,493 | 1,401 | 4,082 | 1,996 | 2,350 | 3,473 | 6,882 | 6,499 | 3,110 | 5,550 |
| November | 3,440 | 2,882 | 6,246 | 2,533 | 11,805 | 7,497 | 5,920 | 7,503 | 4,599 | ---------- |
| December | 1,597 | 1,414 | 2,401 | 8,694 | 4,113 | 7,785 | 9,631 | 2,895 | 1,510 | ---------- |
| Total | 25,462 | 45,073 | 44,942 | 46,509 | 72,164 | 82,962 | 104,260 | 103,804 | 70,505 | ---------- |

[1] Compiled by the *Department of Commerce, Bureau of Foreign and Domestic Commerce*. The group "Other Fertilizers" represents the exports of muriate of potash, other potash, and concentrated chemical mixtures such as nitrogenous phosphatic, nitrogenous potassic, and nitrogenous phosphatic potassic mixtures.

# WEEKLY BUSINESS INDICATORS

[Weekly average, 1923–1925=100]

| ITEM | 1931 | | | 1930 | | | 1929 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 26 | Dec. 19 | Dec. 12 | Dec. 27 | Dec. 20 | Dec. 13 | Dec. 28 | Dec. 21 | Dec. 14 |
| *Composite index, N. Y. Times | 62.1 | 63.1 | 63.3 | 78.9 | 79.4 | 79.0 | 93.3 | 90.5 | 93.4 |
| *Composite index, Business Week | ----- | 63.7 | 64.6 | 77.3 | 77.5 | 77.1 | 92.1 | 100.1 | 99.6 |
| Detroit employment | ----- | ----- | 60.7 | 40.0 | ----- | 78.5 | 98.0 | ----- | 93.1 |
| Production: | | | | | | | | | |
| Beehive coke | ----- | 7.8 | 9.0 | 13.1 | 15.9 | 16.3 | 29.4 | 33.5 | 32.2 |
| Bituminous coal (da. av.) | 63.4 | 69.1 | 71.3 | 82.0 | 92.7 | 87.1 | 91.8 | 111.2 | 115.6 |
| Building (new awards) | ----- | ----- | 34.1 | 61.4 | ----- | 59.0 | 62.8 | ----- | 91.2 |
| † Electric current | 93.9 | 100.7 | 100.4 | 97.1 | 106.2 | 104.9 | 98.3 | 111.6 | 110.5 |
| Petroleum | 110.1 | 116.7 | 118.0 | 102.1 | 105.7 | 107.2 | 125.2 | 126.5 | 125.9 |
| Steel ingots | ----- | 31.6 | 32.9 | 31.6 | 44.7 | 48.7 | 51.3 | 82.9 | 84.2 |
| Receipts: | | | | | | | | | |
| Cattle and calves | 26.3 | 71.2 | 83.2 | 47.5 | 76.9 | 91.8 | 45.9 | 68.0 | 88.6 |
| Cotton | ----- | 158.1 | 140.0 | 108.5 | 133.8 | 127.7 | 106.2 | 176.2 | 177.3 |
| Hogs | 55.3 | 108.6 | 106.5 | 67.3 | 84.1 | 90.3 | 59.8 | 107.7 | 111.4 |
| Wheat | ----- | 42.4 | 44.7 | 69.7 | 67.4 | 59.5 | 49.3 | 60.8 | 88.2 |
| Distribution: Car loadings | ----- | ----- | 62.7 | 66.0 | 72.9 | 76.1 | 78.4 | 86.1 | 94.3 |
| Wholesale prices: | | | | | | | | | |
| Copper, electrolytic | 50.0 | 44.9 | 45.7 | 73.9 | 71.7 | 72.5 | 129.0 | 129.0 | 129.0 |
| Cotton, middling, spot | 23.5 | 23.5 | 22.8 | 36.0 | 36.0 | 36.4 | 64.0 | 62.5 | 63.6 |
| Wholesale prices—Continued. | | | | | | | | | |
| Fisher's index (1926=100)— | | | | | | | | | |
| Total (120) | 66.7 | 67.0 | 67.1 | 79.0 | 79.4 | 79.8 | 93.1 | 92.8 | 92.6 |
| Agricultural product (30) | 50.5 | 50.7 | 51.2 | 74.8 | 79.4 | 75.5 | 99.5 | 98.8 | 98.0 |
| Nonagricultural products (90) | 69.1 | 69.4 | 69.3 | 79.3 | 80.0 | 80.2 | 91.3 | 91.2 | 91.5 |
| Iron and steel, composite | 72.9 | 73.1 | 73.3 | 76.5 | 76.5 | 76.9 | 86.7 | 86.9 | 86.8 |
| Banking and finance: | | | | | | | | | |
| Bank debits outside N. Y. C. | 87.2 | 85.6 | 72.6 | 107.6 | 117.2 | 96.1 | 132.3 | 140.6 | 123.6 |
| Bond prices | 85.8 | 83.9 | 87.9 | 105.2 | 104.2 | 104.6 | 104.7 | 104.8 | 105.3 |
| Business failures (number) | 138.3 | 163.9 | 141.3 | 112.0 | 148.4 | 138.1 | 97.3 | 122.4 | 126.3 |
| Federal reserve R. M. banks— | | | | | | | | | |
| Loans and discounts | 105.0 | 105.7 | 105.9 | 129.6 | 130.1 | 131.4 | 138.5 | 138.8 | 139.0 |
| Net demand deposits | 97.5 | 100.7 | 100.2 | 112.6 | 114.0 | 115.2 | 112.5 | 113.2 | 114.1 |
| Time deposits | 131.2 | 132.4 | 133.9 | 157.2 | 158.4 | 162.2 | 148.3 | 147.8 | 147.7 |
| Interest rates, call | 75.9 | 60.6 | 60.6 | 48.5 | 58.7 | 48.5 | 136.4 | 109.1 | 109.1 |
| Interest rates, time | 80.0 | 80.0 | 80.0 | 68.6 | 68.6 | 62.9 | 114.3 | 114.3 | 114.3 |
| Money in circulation | 117.9 | 115.3 | 113.9 | 102.5 | 100.3 | 97.4 | 103.4 | 102.3 | 101.0 |
| Stock prices | 75.4 | 74.7 | 78.4 | 146.4 | 148.4 | 152.5 | 204.5 | 208.7 | 217.7 |

* Relative to a computed normal taken as 100.

† Relative to weekly average 1928–1930 for week shown.

# WEEKLY BUSINESS STATISTICS

| ITEM | 1931 | | | 1930 | | | 1929 | | | 1928 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dec. 26 | Dec. 19 | Dec. 12 | Dec. 27 | Dec. 20 | Dec. 13 | Dec. 28 | Dec. 21 | Dec. 14 | Dec. 29 | Dec. 22 |
| **PRODUCTION AND DISTRIBUTION** | | | | | | | | | | | |
| Bituminous-coal production (da. av.) ....thous. tons | 1,080 | 1,176 | 1,215 | 1,378 | 1,579 | 1,483 | 1,563 | 1,893 | 1,968 | 1,400 | 1,873 |
| Building contracts (da. av.) 37 States ....thous. dolls | ---------- | ---------- | 5,475 | 9,860 | ---------- | 9,474 | 10,089 | ---------- | 14,641 | 17,836 | ---------- |
| Electrical current output ....mills. of kw. hours | 1,565 | 1,676 | 1,672 | 1,617 | 1,770 | 1,748 | 1,638 | 1,860 | 1,841 | 1,527 | 1,710 |
| Exports: | | | | | | | | | | | |
| Corn ....thous. of bush | 4 | 15 | 37 | 5 | 9 | 4 | 90 | 7 | 193 | 1,249 | 1,218 |
| Wheat ....thous. of bush | 641 | 1,631 | 2,403 | 274 | 373 | 555 | 900 | 410 | 1,753 | 1,176 | 599 |
| Wheat flour ....thous. of bbls | 201 | 175 | 163 | 179 | 232 | 142 | 202 | 187 | 191 | 222 | 313 |
| Freight cars: | | | | | | | | | | | |
| Loadings, total ....cars | ---------- | ---------- | 613,534 | 538,419 | 713,810 | 744,353 | 639,389 | 842,775 | 922,861 | 667,974 | 900,620 |
| Coal and coke ....cars | ---------- | ---------- | 137,639 | 202,680 | 170,014 | 157,614 | 146,893 | 211,034 | 211,560 | 129,366 | 202,680 |
| Forest products ....cars | ---------- | ---------- | 19,084 | 20,693 | 31,218 | 34,062 | 27,837 | 48,771 | 52,404 | 32,808 | 58,329 |
| Grain and grain products ....cars | ---------- | ---------- | 30,179 | 27,172 | 36,049 | 39,532 | 31,584 | 36,195 | 43,995 | 37,091 | 36,024 |
| Livestock ....cars | ---------- | ---------- | 24,691 | 17,739 | 22,742 | 25,573 | 17,220 | 24,416 | 28,888 | 21,499 | 26,318 |
| Merchandise l. c. l. ....cars | ---------- | ---------- | 197,558 | 167,354 | 210,264 | 219,005 | 187,249 | 228,536 | 245,043 | 192,853 | 242,578 |
| Miscellaneous ....cars | ---------- | ---------- | 200,379 | 176,135 | 237,780 | 262,174 | 222,199 | 285,029 | 322,103 | 245,979 | 316,595 |
| Ore ....cars | ---------- | ---------- | 4,004 | 4,281 | 5,743 | 6,393 | 6,407 | 8,794 | 8,868 | 8,378 | 10,945 |
| Net available surplus (da. av.) ....cars | ---------- | ---------- | 664,769 | 706,538 | 649,314 | 616,931 | 447,141 | 393,345 | 367,657 | 386,132 | 298,004 |
| Petroleum production (da. av.) ....thous. of bbls | 2,293 | 2,430 | 2,457 | 2,127 | 2,202 | 2,233 | 2,608 | 2,634 | 2,622 | 2,581 | 2,551 |
| Receipts: | | | | | | | | | | | |
| Cattle and calves (12 markets) ....thousands | ---------- | 223 | 263 | 150 | 243 | 290 | 145 | 215 | 280 | 127 | 202 |
| Cotton into sight ....thous. of bales | ---------- | 411 | 364 | 282 | 348 | 332 | 276 | 458 | 461 | 374 | 422 |
| Wheat, primary markets ....thous. of bush | ---------- | ---------- | 3,549 | 5,537 | 5,351 | 4,726 | 3,918 | 4,829 | 7,010 | 5,454 | 7,837 |
| Wool, total, Boston ....thous. of lbs | 746 | 3,451 | 2,639 | 1,469 | 3,415 | 752 | 3,553 | 2,890 | 5,252 | 2,055 | 3,133 |
| Steel ingot production ....per ct. of capacity | ---------- | 24 | 25 | 24 | 34 | 37 | 39 | 63 | 64 | 84 | 82 |
| **WHOLESALE PRICES** | | | | | | | | | | | |
| Chemical index ....rel. to 1924 | 106.3 | 106.3 | 106.3 | 106.7 | 107.2 | 107.2 | 112.5 | 112.5 | 112.5 | 108.3 | 108.3 |
| Copper ingots, electrolytic, New York ..dolls. per lb | .069 | .062 | .063 | .102 | .099 | .100 | .178 | .178 | .178 | .162 | .158 |
| Cotton, middling, spot, New York ....dolls. per lb | .064 | .064 | .062 | .098 | .098 | .099 | .174 | .170 | .173 | .206 | .204 |
| Food index (Bradstreet's) ....dolls. per lb | 1.97 | 1.98 | 1.99 | 2.47 | 2.47 | 2.52 | 3.12 | 3.11 | 3.11 | 3.26 | 3.29 |
| Iron and steel composite ....dolls. per ton | 30.16 | 30.28 | 30.36 | 31.66 | 31.68 | 31.84 | 35.89 | 35.97 | 35.95 | 36.24 | 36.24 |
| Wheat, No. 2, hard winter, Kansas City ...dolls. bu | .51 | .53 | .53 | .69 | .71 | .72 | 1.22 | 1.18 | 1.20 | 1.10 | 1.11 |
| **FINANCIAL** | | | | | | | | | | | |
| Bank debits: | | | | | | | | | | | |
| New York City ....mills. of dolls | 4,707 | 5,084 | 3,464 | 6,351 | 7,221 | 5,465 | 7,204 | 9,601 | 9,898 | 8,957 | 12,221 |
| Outside New York City ....mills. of dolls | 4,042 | 3,973 | 3,364 | 4,993 | 5,436 | 4,460 | 5,115 | 6,524 | 5,735 | 5,437 | 6,860 |
| Bond sales, New York Stock Exchange: | | | | | | | | | | | |
| United States Government ....thous. of dolls | 6,159 | 19,792 | 13,043 | 2,916 | 3,010 | 3,384 | 1,651 | 3,736 | 4,296 | 7,608 | 2,746 |
| Average price 40 corporation bonds ....dollars | 76.80 | 75.17 | 78.69 | 94.23 | 93.32 | 93.65 | 93.76 | 93.89 | 94.29 | 96.07 | 96.04 |
| Business failures ....number | 563 | 667 | 575 | 456 | 604 | 562 | 396 | 498 | 514 | 359 | 491 |
| Federal reserve banks: | | | | | | | | | | | |
| Bills discounted ....mills. of dolls | 911 | 698 | 725 | 448 | 331 | 257 | 763 | 737 | 769 | 1,168 | 947 |
| Total reserves ....mills. of dolls | 3,128 | 3,145 | 3,137 | 3,038 | 3,091 | 3,141 | 2,951 | 3,026 | 3,110 | 2,689 | 2,724 |
| Federal Reserve reporting member banks: | | | | | | | | | | | |
| Total loans and discounts ....mills. of dolls | 13,119 | 13,212 | 13,237 | 16,200 | 16,258 | 16,426 | 17,305 | 17,356 | 17,375 | 16,284 | 16,248 |
| Total investments ....mills. of dolls | 7,615 | 7,751 | 7,427 | 6,785 | 6,827 | 6,816 | 5,585 | 5,587 | 5,547 | 5,980 | 5,985 |
| "Other" loans ....mills. of dolls | 7,386 | 7,471 | 7,477 | 8,421 | 8,511 | 8,656 | 9,374 | 9,458 | 9,557 | 9,054 | 9,119 |
| Net demand deposits ....mills. of dolls | 11,771 | 12,168 | 12,105 | 13,603 | 13,771 | 13,914 | 13,589 | 13,676 | 13,776 | 13,266 | 13,322 |
| Time deposits ....mills. of dolls | 5,947 | 6,004 | 6,073 | 7,126 | 7,180 | 7,355 | 6,723 | 6,702 | 6,698 | 6,864 | 6,845 |
| Sterling exchange, rate quoted (da. av.) ....dollars | 542 | 3.42 | 3.30 | 4.86 | 4.86 | 4.86 | 4.88 | 4.88 | 4.88 | 4.86 | 4.85 |
| Interest loans on brokers' loans: | | | | | | | | | | | |
| Time money, New York ....per cent | 3.50 | 3.50 | 3.50 | 3.00 | 3.00 | 2.75 | 5.00 | 5.00 | 5.00 | 8.38 | 8.25 |
| Call money, New York ....per cent | 3.13 | 2.50 | 2.50 | 2.00 | 2.42 | 2.00 | 5.63 | 4.50 | 4.50 | 10.38 | 7.38 |
| Money in circulation (da. av.) ....mills. of dolls | 5,727 | 5,599 | 5,529 | 4,977 | 4,870 | 4,731 | 5,021 | 4,968 | 4,906 | 5,074 | 5,060 |
| Stocks, New York Exchange: | | | | | | | | | | | |
| Average price 50 stocks ....dollars | 73.24 | 72.59 | 76.12 | 142.24 | 144.12 | 148.06 | 198.60 | 202.69 | 211.38 | 224.79 | 215.77 |
| Sales ....thous. of shares | 6,011 | 15,648 | 11,949 | 9,425 | 19,191 | 14,188 | 13,053 | 18,008 | 23,109 | 18,372 | 17,089 |
| Stock prices, weighted: | | | | | | | | | | | |
| Industrials, rails, and utilities (404) ...rel. to 1926 | 54.7 | 54.7 | 60.6 | 106.2 | 105.5 | 110.5 | 150.9 | 154.4 | 154.1 | 177.7 | 173.0 |
| All industrials (337) ....rel. to 1926 | 51.4 | 51.4 | 56.9 | 98.7 | 98.2 | 103.6 | 144.3 | 144.6 | 147.7 | 185.5 | 180.5 |
| All railroads (33) ....rel. to 1926 | 31.7 | 31.3 | 34.4 | 92.2 | 89.1 | 93.8 | 134.1 | 136.3 | 136.6 | 136.8 | 136.0 |
| All utilities (34) ....rel. to 1926 | 90.6 | 90.6 | 101.2 | 153.2 | 153.7 | 157.7 | 196.6 | 195.9 | 198.6 | 180.6 | 173.7 |

# Monthly Business Statistics

The following table contains a summary of the monthly figures designed to show the trend in important industrial and commercial movements. These data represent continuations of the figures presented in the 1931 Annual Supplement to the Survey of Current Business, in which monthly figures for the past seven years may be found, together with explanations as to the sources and basis for the figures quoted. The figures given below should always be read in connection with these explanations. For later data, which have become available since these data were compiled, see recent Weekly Supplements to the Survey.

## CONTENTS


| | Page |
|---|---|
| Industrial indexes | 22 |
| Wholesale prices | 23 |
| Commodity groups: | |
| Automobiles | 25 |
| Chemicals and allied products | 26 |
| Foodstuffs | 28 |
| Forest products | 32 |
| Leather and leather products | 33 |
| Iron and steel | 34 |
| Machinery | 36 |
| Nonferrous metals | 37 |
| Paper and paper products | 38 |
| Printing | 40 |
| Commodity groups—Continued. | |
| Rubber and rubber products | 40 |
| Stone, clay, and glass | 41 |
| Textiles | 42 |
| Tobacco | 44 |
| Miscellaneous | 44 |
| Fuels | 44 |
| Distribution movement | 45 |
| Foreign trade | 47 |
| Employment and wages | 48 |
| Construction | 50 |
| Public utilities | 50 |
| Finance | 52 |


| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **INDUSTRIAL PRODUCTION** | | | | | | | | | | | | | |
| **Federal Reserve Board** | | | | | | | | | | | | | |
| Total, unadjusted ... rel. to 1923-25 | 73 | [1] 75 | 77 | 78 | 80 | 83 | 89 | 90 | 89 | 87 | 82 | 78 | 85 |
| Total, adjusted ... rel. to 1923-25 | 72 | [1] 73 | 76 | 79 | 83 | 84 | 89 | 89 | 87 | 86 | 82 | 82 | 84 |
| Manufactures, total unadjusted rel. to 1923-25 | 72 | [1] 72 | [1] 76 | 77 | 79 | 82 | 90 | 91 | 91 | 88 | 81 | 76 | 84 |
| Manufactures, total adjusted ... rel. to 1923-25 | 71 | [1] 71 | 76 | 79 | 83 | 84 | 89 | 89 | 87 | 85 | 81 | 80 | 84 |
| Automobiles ... rel. to 1923-25 | 34 | [1] 26 | [1] 40 | 52 | 61 | 65 | 77 | 77 | 67 | 68 | 63 | 85 | 74 |
| Cement ... rel. to 1923-25 | 64 | [1] 73 | 95 | 102 | 108 | 112 | 96 | 90 | 81 | 80 | 84 | 83 | 86 |
| Food products ... rel. to 1923-25 | 91 | [1] 91 | [1] 92 | 88 | 88 | 83 | 91 | 96 | 87 | 92 | 93 | 89 | 94 |
| Iron and steel ... rel. to 1923-25 | 46 | 43 | 46 | 51 | 59 | 64 | 72 | 75 | 78 | 73 | 64 | 59 | 65 |
| Leather and shoes ... rel. to 1923-25 | 82 | [1] 82 | [1] 97 | 104 | 101 | 101 | 107 | 102 | 92 | 87 | 77 | 81 | 80 |
| Lumber ... rel. to 1923-25 | 30 | 35 | 38 | 40 | 44 | 49 | 50 | 49 | 50 | 45 | 49 | 50 | 47 |
| Nonferrous metals ... rel. to 1923-25 | 62 | 65 | [1] 65 | 64 | 65 | 68 | 73 | 73 | 77 | 79 | 78 | 85 | 87 |
| Paper and printing ... rel. to 1923-25 | ---- | 99 | 104 | 105 | 109 | 108 | 113 | 110 | 110 | 111 | 107 | 101 | 103 |
| Petroleum refining ... rel. to 1923-25 | ---- | 161 | 161 | 165 | 162 | 161 | 163 | 161 | 152 | 149 | 144 | 149 | 151 |
| Polished plate glass ... rel. to 1923-25 | ---- | ---- | 55 | 72 | 91 | 91 | 112 | 117 | 119 | 111 | 90 | 65 | 91 |
| Auto tires and tubes ... rel. to 1923-25 | ---- | 74 | 79 | 90 | 112 | 126 | 123 | 107 | 98 | 94 | 88 | 73 | 77 |
| Textiles ... rel. to 1923-25 | 90 | 93 | [1] 100 | 100 | 102 | 97 | 101 | 98 | 97 | 93 | 86 | 87 | 93 |
| Tobacco manufactures ... rel. to 1923-25 | 114 | 112 | 118 | 118 | 122 | 133 | 137 | 134 | 131 | 132 | 121 | 128 | 119 |
| Minerals, total unadjusted ... rel. to 1923-25 | 83 | 89 | [1] 82 | 82 | 85 | 85 | 84 | 83 | 82 | 84 | 86 | 89 | 95 |
| Minerals, total adjusted ... rel. to 1923-25 | 81 | 85 | [1] 77 | 79 | 84 | 85 | 86 | 92 | 87 | 88 | 90 | 94 | 92 |
| Anthracite ... rel. to 1923-25 | 66 | 91 | 65 | 61 | 57 | 66 | 71 | 84 | 72 | 89 | 93 | 93 | 83 |
| Bituminous coal ... rel. to 1923-25 | 67 | 71 | 70 | 70 | 74 | 74 | 75 | 77 | 76 | 73 | 77 | 85 | 86 |
| Copper ... rel. to 1923-25 | ---- | ---- | 60 | 59 | 59 | 67 | 68 | 69 | 70 | 76 | 72 | 76 | 83 |
| Crude petroleum ... rel. to 1923-25 | 124 | [1] 116 | [1] 102 | 107 | 122 | 122 | 122 | 121 | 112 | 110 | 110 | 111 | 114 |
| Iron-ore shipments ... rel. to 1923-25 | 11 | 42 | 51 | 59 | 55 | 46 | 27 | 0 | 0 | 0 | 0 | 0 | 51 |
| Lead ... rel. to 1923-25 | 61 | [1] 66 | 67 | 61 | 64 | 60 | 78 | 71 | 79 | 82 | 83 | 92 | 83 |
| Silver ... rel. to 1923-25 | 40 | 40 | 40 | 45 | 42 | 46 | 51 | 54 | 63 | 62 | 68 | 71 | 73 |
| Zinc ... rel. to 1923-25 | 45 | 47 | 49 | 49 | 49 | 54 | 54 | 61 | 65 | 65 | 65 | 68 | 70 |
| **Industrial Consumption of Electrical Energy** | | | | | | | | | | | | | |
| Consumption by geographic sections: | | | | | | | | | | | | | |
| United States ... rel. to 1923-25 | 98.8 | 97.1 | 100.4 | 97.3 | 97.9 | 101.7 | 109.8 | 106.4 | 108.2 | 110.3 | 97.6 | 99.1 | 105.4 |
| New England ... rel. to 1923-25 | 86.4 | 87.5 | 97.0 | 89.9 | 100.0 | 98.4 | 104.4 | 109.4 | 105.8 | 105.5 | 90.2 | 86.3 | 96.3 |
| North Central ... rel. to 1923-25 | 89.5 | 87.4 | 92.6 | 90.0 | 92.1 | 102.7 | 109.2 | 105.0 | 105.7 | 109.0 | 100.2 | 99.0 | 100.6 |
| Middle Atlantic ... rel. to 1923-25 | 99.6 | 103.3 | 104.0 | 99.5 | 95.7 | 91.5 | 101.3 | 97.6 | 102.8 | 108.0 | 96.6 | 97.5 | 103.5 |
| Southern ... rel. to 1923-25 | 119.3 | 113.2 | 113.8 | 112.8 | 117.5 | 114.3 | 118.2 | 108.6 | 117.5 | 130.6 | 105.8 | 116.4 | 113.4 |
| Western ... rel. to 1923-25 | 118.8 | 102.2 | 102.3 | 108.8 | 96.8 | 106.4 | 119.1 | 114.0 | 115.7 | 120.0 | 111.0 | 99.9 | 121.3 |
| Consumption by industries: | | | | | | | | | | | | | |
| All industry ... rel. to 1923-25 | 98.8 | 97.1 | 100.4 | 97.3 | 97.9 | 101.7 | 109.8 | 106.4 | 108.2 | 110.3 | 97.6 | 99.1 | 104.3 |
| Automobiles, including repair parts ... rel. to 1923-25 | 65.5 | 57.4 | 53.7 | 43.6 | 55.9 | 71.3 | 89.7 | 90.8 | 94.1 | 88.9 | 67.5 | 71.5 | 74.9 |
| Electrical apparatus and equipment ... rel. to 1923-25 | 123.3 | 128.5 | 129.8 | 128.0 | 130.1 | 130.8 | 132.0 | 136.7 | 124.3 | 149.0 | 144.7 | 132.4 | 137.5 |
| Food and kindred products rel. to 1923-25 | 144.0 | 136.5 | 142.0 | 146.4 | 147.0 | 136.2 | 126.8 | 122.0 | 116.8 | 112.9 | 118.3 | 107.1 | 124.4 |
| Leather and its products ... rel. to 1923-25 | 75.2 | 81.8 | 81.9 | 77.1 | 83.8 | 85.4 | 81.0 | 83.9 | 71.2 | 76.1 | 71.6 | 68.7 | 73.0 |
| Lumber and its products ... rel. to 1923-25 | 76.4 | 82.2 | 82.2 | 79.4 | 76.9 | 86.3 | 97.2 | 91.5 | 93.2 | 84.2 | 82.6 | 73.3 | 86.5 |
| Metals group ... rel. to 1923-25 | 76.4 | 73.0 | 76.2 | 75.0 | 74.5 | 81.5 | 98.5 | 99.5 | 112.2 | 114.0 | 97.4 | 102.3 | 99.5 |
| Metal-working plants ... rel. to 1923-25 | 76.0 | 71.0 | 75.0 | 73.3 | 69.3 | 78.6 | 94.0 | 94.6 | 103.5 | 112.3 | 95.0 | 97.8 | 89.6 |
| Rolling mills and steel plants ... rel. to 1923-25 | 77.0 | 76.3 | 78.3 | 78.0 | 83.1 | 86.6 | 106.8 | 108.1 | 119.4 | 116.5 | 103.4 | 110.2 | 106.5 |
| Paper and pulp ... rel. to 1923-25 | 126.1 | 113.0 | 138.3 | 121.7 | 104.0 | 112.4 | 135.1 | 109.6 | 123.0 | 127.0 | 111.8 | 117.0 | 112.3 |
| Rubber and its products ... rel. to 1923-25 | 93.5 | 82.8 | 88.0 | 98.5 | 97.4 | 121.0 | 122.3 | 109.0 | 109.6 | 122.0 | 106.5 | 84.3 | 95.3 |
| Shipbuilding ... rel. to 1923-25 | 95.0 | 84.5 | 88.9 | 85.6 | 82.0 | 84.8 | 89.7 | 92.5 | 98.3 | 114.8 | 113.9 | 99.0 | 105.5 |
| Stone, clay, and glass ... rel. to 1923-25 | 113.8 | 113.4 | 113.9 | 105.9 | 104.8 | 118.7 | 132.0 | 116.5 | 105.1 | 102.6 | 75.3 | 100.6 | 106.2 |
| Textiles ... rel. to 1923-25 | 93.4 | 98.2 | 98.7 | 95.0 | 98.2 | 100.5 | 103.7 | 100.0 | 97.3 | 99.3 | 86.4 | 89.8 | 87.0 |

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **STOCKS AND ORDERS** | | | | | | | | | | | | | |
| New orders, total ... rel. to 1923–25 | -------- | 44.3 | [1] 47.8 | [1] 45.5 | 48.1 | 56.0 | 52.9 | 60.4 | 58.2 | 49.8 | 51.2 | 48.7 | 48.7 |
| Stocks, total ... rel. to 1923–25 | 165.9 | [1] 157.3 | [1] 141.5 | [1] 136.9 | [1] 133.5 | [1] 133.6 | [1] 143.5 | 144.0 | [1] 150.4 | [1] 152.9 | [1] 156.0 | 163.3 | 161.9 |
| Manufactured goods ... rel. to 1923–25 | 105.9 | [1] 103.2 | [1] 106.7 | [1] 111.5 | [1] 115.4 | [1] 116.7 | [1] 118.0 | [1] 118.4 | [1] 118.8 | [1] 119.0 | [1] 118.8 | 120.1 | 118.6 |
| Raw materials ... rel. to 1923–25 | 209.6 | [1] 196.5 | 166.7 | [1] 155.3 | 146.5 | [1] 145.7 | 154.2 | 161.7 | 173.2 | 177.4 | 182.8 | 194.5 | 192.6 |
| Unfilled orders, total ... rel. to 1923–25 | -------- | [1] 44.4 | 46.0 | [1] 47.8 | 51.9 | [1] 56.6 | 57.4 | 60.5 | 61.8 | 61.0 | 61.8 | 61.8 | 58.7 |
| **COST OF LIVING** | | | | | | | | | | | | | |
| All groups ... rel. to 1923 | -------- | 84.9 | 85.6 | 85.9 | 85.9 | 85.9 | 86.9 | 88.2 | 89.1 | 89.6 | 91.1 | 92.6 | 93.9 |
| Clothing ... rel. to 1923 | -------- | 75.4 | 78.5 | 78.6 | 78.6 | 79.9 | 80.7 | 82.0 | 83.2 | 84.4 | 84.6 | 86.6 | 87.7 |
| Food ... rel. to 1923 | -------- | 81.5 | 81.7 | 81.9 | 81.5 | 81.0 | 82.8 | 84.9 | 86.5 | 86.9 | 90.9 | 93.9 | 96.8 |
| Fuel and light ... rel. to 1923 | -------- | 90.5 | 90.1 | 89.6 | 89.3 | 89.1 | 89.1 | 90.6 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 |
| Housing ... rel. to 1923 | -------- | 80.3 | 80.7 | 81.5 | 82.0 | 82.6 | 83.5 | 84.1 | 84.6 | 85.3 | 85.9 | 86.7 | 87.5 |
| Sundries ... rel. to 1923 | -------- | 94.6 | 95.4 | 95.5 | 95.8 | 95.5 | 95.9 | 96.8 | 96.8 | 96.9 | 97.2 | 97.4 | 97.6 |
| **PRICE INDEXES** | | | | | | | | | | | | | |
| Department of Labor Indexes: | | | | | | | | | | | | | |
| All commodities (550) ... rel. to 1926 | 68.3 | 68.4 | 69.1 | 70.2 | 70.0 | 70.0 | 71.3 | 73.3 | 74.5 | 75.5 | 77.0 | 78.4 | 80.4 |
| Farm products ... rel. to 1926 | 58.7 | 58.8 | 60.5 | 63.5 | 64.9 | 65.4 | 67.1 | 70.1 | 70.6 | 70.1 | 73.5 | 75.2 | 79.3 |
| Food (121) ... rel. to 1926 | 70.9 | 72.6 | 72.9 | 73.7 | 73.1 | 72.4 | 72.9 | 75.6 | 76.7 | 77.1 | 80.1 | 81.8 | 85.7 |
| Finished products (380) ... rel. to 1926 | 73.2 | 73.7 | 74.0 | 74.6 | 74.0 | 74.0 | 75.1 | 77.1 | 78.4 | 79.3 | 80.5 | 81.9 | 83.7 |
| Industrial group commodities— | | | | | | | | | | | | | |
| Building materials (57) ... rel. to 1926 | 74.0 | 74.3 | 74.9 | 75.4 | 75.8 | 77.5 | 78.4 | 80.9 | 81.9 | 81.8 | 82.9 | 84.4 | 85.6 |
| Chemicals and drugs (78) ... rel. to 1926 | 74.7 | 74.1 | 74.8 | 75.5 | 77.3 | 77.9 | 79.1 | 80.1 | 81.9 | 82.2 | 83.6 | 84.8 | 85.2 |
| Fuel and lighting (23) ... rel. to 1926 | 65.0 | 63.4 | 63.3 | 62.3 | 58.2 | 58.1 | 60.9 | 61.6 | 64.5 | 69.6 | 69.8 | 70.5 | 71.8 |
| Hides and leather products (40) ... rel. to 1926 | 81.3 | 82.2 | 84.8 | 88.5 | 89.2 | 87.8 | 87.3 | 87.3 | 87.4 | 86.6 | 88.6 | 91.2 | 94.0 |
| House furnishing goods (37) ... rel. to 1926 | 83.1 | 83.2 | 84.7 | 87.5 | 88.0 | 88.6 | 89.2 | 90.8 | 90.8 | 90.8 | 91.1 | 91.3 | 95.2 |
| Metal and metal products ... rel. to 1926 | 86.2 | 86.5 | 87.2 | 87.1 | 87.5 | 87.4 | 87.8 | 88.7 | 89.0 | 88.9 | 89.3 | 90.0 | 90.2 |
| Textile products (75) ... rel. to 1926 | 60.7 | 61.5 | 62.9 | 64.2 | 65.4 | 65.4 | 66.3 | 67.6 | 69.2 | 70.4 | 71.0 | 72.4 | 73.3 |
| Miscellaneous (25) ... rel. to 1926 | 59.7 | 59.0 | 58.4 | 58.5 | 61.0 | 61.8 | 62.8 | 63.9 | 64.7 | 63.9 | 64.7 | 66.9 | 67.8 |
| All except farm and food products (384) ... rel. to 1926 | 71.8 | 71.4 | 72.0 | 72.3 | 71.8 | 71.9 | 73.2 | 74.2 | 75.6 | 77.1 | 77.8 | 79.0 | 80.1 |
| Raw materials (108) ... rel. to 1926 | 62.0 | 61.5 | 62.7 | 64.1 | 64.3 | 64.7 | 66.5 | 68.3 | 69.4 | 70.6 | 72.9 | 74.2 | 76.8 |
| Semimanufactured articles (62) ... rel. to 1926 | 64.4 | 64.7 | 66.3 | 68.3 | 69.5 | 68.5 | 68.9 | 71.1 | 72.2 | 72.3 | 73.4 | 74.3 | 75.6 |
| Bradstreet's Index ... rel. to 1926 | 61.2 | 62.6 | 64.2 | 65.7 | 68.0 | 67.9 | 66.9 | 69.0 | 71.4 | 71.0 | 72.0 | 73.6 | 76.1 |
| Dun's Index ... rel. to 1926 | 74.4 | 74.4 | 72.3 | 75.1 | 77.2 | 77.7 | 77.3 | 79.2 | 80.9 | 81.4 | 82.7 | 84.7 | 86.4 |
| **WHOLESALE PRICES** | | | | | | | | | | | | | |
| Acetate of lime ... dolls. per cwt | -------- | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| Aluminum No. 1, Virgin 98–99, New York ... dolls. per lb | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 | .2290 |
| Aluminum, scrap cast, New York ... dolls. per lb | .0388 | .0393 | .0400 | .0400 | .0424 | .0438 | .0438 | .0488 | .0488 | .0517 | .0525 | .0601 | .0738 |
| Barley, No. 2, Minneapolis ... dolls. per bu | .51 | .50 | .50 | .45 | .42 | .39 | .45 | .48 | .44 | .44 | .44 | .47 | .48 |
| Brass sheets, mill ... dolls. per lb | .130 | .130 | .152 | .154 | .157 | .158 | .165 | .172 | .174 | .171 | .173 | .178 | .176 |
| Brick, common, red, New York ... dolls. per thous | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.25 | 10.25 | 10.00 | 10.00 | 10.00 | 9.50 | 9.50 |
| Butter, common, New York ... dolls. per lb | .31 | .34 | .33 | .28 | .25 | .23 | .24 | .26 | .29 | .28 | .29 | .32 | .36 |
| Cement, Portland (composite) ... dolls. per lb | 1.310 | 1.318 | 1.331 | 1.331 | 1.331 | 1.364 | 1.399 | 1.422 | 1.477 | 1.543 | 1.578 | 1.580 | 1.588 |
| Cheese, American whole milk, New York ... dolls. per lb | .15 | .16 | .17 | .16 | .15 | .14 | .14 | .15 | .16 | .16 | .17 | .18 | .19 |
| Chemicals ... rel. to 1927 | -------- | 86 | 86 | 86 | 88 | 88 | 89 | 90 | 90 | 89 | 90 | 93 | 94 |
| Coffee, Rio, No. 7, Brazil grades ... dolls. per lb | .063 | .058 | .056 | .056 | .063 | .068 | .061 | .053 | .056 | .064 | .068 | .070 | .079 |
| Copper ingots, electrolytic ... dolls. per lb | .0656 | .0678 | .0699 | .0729 | .0770 | .0803 | .0867 | .0939 | .0985 | .0972 | .0984 | .1030 | .1011 |
| Coal: | | | | | | | | | | | | | |
| Anthracite— | | | | | | | | | | | | | |
| Retail, composite ... dolls. per short ton | 14.96 | 14.97 | 14.93 | 14.73 | 14.59 | 14.31 | 14.19 | 14.39 | 14.85 | 14.85 | 14.88 | 14.89 | 14.90 |
| Wholesale, composite ... dolls. per short ton | 13.083 | 13.083 | 13.083 | 12.796 | 12.614 | 12.413 | 12.270 | 12.202 | 12.608 | 12.732 | 12.732 | 12.751 | 12.751 |
| Bituminous— | | | | | | | | | | | | | |
| Mine average (spot) ... dolls. per short ton | -------- | -------- | 1.62 | 1.58 | 1.58 | 1.56 | 1.60 | 1.64 | 1.69 | 1.77 | 1.77 | 1.77 | 1.78 |
| Prepared sizes (composite) ... dolls. per net ton | 3.962 | 3.954 | 3.954 | 3.907 | 3.856 | 3.816 | 3.838 | 3.845 | 3.999 | 4.223 | 4.270 | 4.317 | 4.336 |
| Retail, composite ... dolls. per short ton | 8.23 | 8.22 | 8.17 | 8.11 | 8.09 | 8.00 | 8.04 | 8.46 | 8.71 | 8.83 | 8.87 | 8.94 | 8.94 |
| Wholesale, composite ... dolls. per short ton | 3.705 | 3.703 | 3.705 | 3.704 | 3.706 | 3.692 | 3.723 | 3.760 | 3.791 | 3.814 | 3.829 | 3.898 | 3.900 |
| Coke, furnace, Connellsville ... dolls. per short ton | 2.38 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.48 | 2.50 | 2.50 | 2.53 | 2.55 | 2.55 | 2.58 |
| Cocoa, spot, Accra, New York ... dolls. per lb | .0494 | .0475 | .0463 | .0525 | .0581 | .0563 | .0494 | .0535 | .0550 | .0563 | .0619 | .0675 | .0688 |
| Corn: | | | | | | | | | | | | | |
| No. 3, yellow, Chicago ... dolls. per bu | .43 | .38 | .42 | .46 | .57 | .58 | .56 | .58 | .60 | .61 | .65 | .69 | .71 |
| No. 3, Kansas City ... dolls. per bu | .46 | .40 | .46 | .45 | .53 | .52 | .52 | .53 | .54 | .54 | .59 | .66 | .69 |
| No. 3, white, Chicago ... dolls. per bu | .43 | .39 | .44 | .49 | .58 | .59 | .56 | .58 | .60 | .63 | .68 | .73 | .76 |
| Cotton: | | | | | | | | | | | | | |
| To producer ... dolls. per lb | .061 | .053 | .059 | .063 | .085 | .077 | .088 | .093 | .096 | .091 | .086 | .087 | .096 |
| In New York, middling ... dolls. per lb | .065 | .064 | .065 | .072 | .093 | .090 | .093 | .102 | .109 | .110 | .102 | .101 | .110 |
| Cottonseed oil, refined, yellow, prime, New York ... dolls. per lb | .047 | .045 | .044 | .059 | .069 | .068 | .069 | .076 | .076 | .073 | .073 | .072 | .076 |
| Cotton goods: | | | | | | | | | | | | | |
| Print cloth 64 x 60 ... dolls. per yd | .036 | .038 | .041 | .043 | .049 | .048 | .050 | .053 | .055 | .053 | .052 | .053 | .057 |
| Sheeting, brown ... dolls. per yd | .047 | .046 | .050 | .052 | .056 | .054 | .058 | .059 | .059 | .065 | .062 | .065 | .066 |
| Cotton goods (Fairchild) ... rel. to 1911–1913 | 87 | -------- | 95 | 100 | 111 | 112 | 115 | 119 | 121 | 119 | 120 | 122 | 124 |
| Cotton yarns: | | | | | | | | | | | | | |
| 22/1 cones, Boston ... dolls. per lb | .192 | .189 | .201 | .212 | .225 | .215 | .223 | .231 | .240 | .239 | .248 | .247 | .254 |
| 40/15 southern spinning ... dolls. per lb | .312 | .315 | .326 | .336 | .352 | .352 | .353 | .369 | .382 | .390 | .390 | .390 | .405 |
| Drugs and pharmaceuticals ... rel. to Aug., 1914 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 160 | 174 | 175 | 175 | 175 | 175 |
| Drugs, crude ... rel. to Aug., 1914 | 117 | 118 | 118 | 118 | 118 | 128 | 130 | 131 | 130 | 131 | 133 | 137 | 137 |
| Essential oils ... rel. to Aug., 1914 | -------- | 65 | 70 | 76 | 77 | 77 | 79 | 82 | 81 | 80 | 81 | 85 | 87 |
| Flaxseed, No. 1, Minneapolis ... dolls. per bu | 1.46 | 1.32 | 1.37 | 1.41 | 1.64 | 1.48 | 1.55 | 1.57 | 1.58 | 1.56 | 1.57 | 1.61 | 1.65 |
| Flour, see under wheat flour. | | | | | | | | | | | | | |
| Food, wholesale, see under individual items. | | | | | | | | | | | | | |
| Food, retail (Dept. of Labor) ... rel. to 1913 | 116.7 | 119.1 | 119.4 | 119.7 | 119.0 | 118.3 | 121.0 | 124.0 | 126.4 | 127.0 | 132.8 | 137.2 | 141.4 |
| Hides: | | | | | | | | | | | | | |
| Green salted, packers' heavy native steers ... dolls. per lb | .082 | .077 | .090 | .113 | .120 | .100 | .085 | .092 | .090 | .073 | .095 | .107 | .118 |
| Calfskins, country, No. 1 ... dolls. per lb | .085 | .083 | .098 | .129 | .139 | .129 | .129 | .135 | .128 | .117 | .125 | .144 | .156 |

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **WHOLESALE PRICES—Continued** | | | | | | | | | | | | | |
| Hosiery ... rel. to 1926 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 50.8 | 50.8 | 51.9 | 51.9 | 51.9 | 58.3 | 58.3 |
| Iron and steel, metals and metal products ... rel. to 1926 | 86.2 | 86.5 | 87.2 | 87.1 | 87.5 | 87.4 | 87.8 | 88.7 | 89.0 | 88.9 | 89.3 | 90.0 | 90.2 |
| Iron, raw: | | | | | | | | | | | | | |
| Basic (valley furnace) ... dolls. per long ton | 15.00 | 15.25 | 15.50 | 15.50 | 15.50 | 15.50 | 16.25 | 16.50 | 16.50 | 16.75 | 17.00 | 17.00 | 17.00 |
| Composite pig iron ... dolls. per long ton | 16.02 | 16.23 | 16.32 | 16.38 | 16.38 | 16.40 | 16.64 | 16.75 | 16.72 | 16.82 | 16.94 | 17.01 | 17.14 |
| Foundry No. 2, northern ... dolls. per long ton | 17.76 | 18.39 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.26 | 18.51 | 18.76 | 18.76 | 18.76 |
| Lard, prime contract, New York ... dolls. per lb | .071 | .080 | .075 | .075 | .082 | .083 | .082 | .090 | .094 | .085 | .090 | .100 | .112 |
| Lead, pig, desilverized, New York ... dolls. per lb | .0394 | .0396 | .0440 | .0440 | .0440 | .0392 | .0382 | .0441 | .0453 | .0455 | .0480 | .0510 | .0510 |
| Leather, composite, wholesale price ... rel. to 1926 | 78.8 | 80.7 | 83.4 | 90.3 | 89.8 | 87.8 | 88.1 | 88.4 | 88.4 | 89.0 | 90.8 | 91.5 | 93.3 |
| Leather, sole and belting, oak, and scoured backs ... dolls. per lb | .32 | .35 | .39 | .40 | .37 | .37 | .37 | .37 | .37 | .37 | .38 | .40 | .41 |
| Leather, upper, composite, chrome, calf black, "B" grade ... dolls. per sq. ft | .323 | .330 | .337 | .348 | .350 | .352 | .356 | .356 | .352 | .354 | .359 | .355 | .367 |
| Leather, hides (see under hides). | | | | | | | | | | | | | |
| Leather, shoes (see under shoes). | | | | | | | | | | | | | |
| Linseed oil, New York ... dolls. per lb | .075 | .073 | .076 | .083 | .091 | .086 | .088 | .092 | .095 | .092 | .088 | .092 | .094 |
| Lumber: | | | | | | | | | | | | | |
| Composite, wholesale price ... rel. to 1926 | 64.2 | 64.5 | 65.5 | 66.0 | 66.3 | 67.8 | 68.4 | 73.3 | 74.2 | 73.2 | 76.0 | 78.1 | 80.1 |
| Douglas fir, No. 1, common ... dolls. per M ft. b. m | 11.23 | 11.21 | 11.27 | 10.97 | 10.64 | 11.25 | 11.64 | 12.12 | 12.68 | 12.86 | 12.82 | 12.99 | 13.25 |
| Douglas fir, flooring, 1 x 4, "B" and better (V. G. Washington) ... dolls. per M ft. b. m | 24.35 | 25.63 | 25.48 | 25.29 | 25.76 | 25.98 | 28.33 | 29.74 | 31.14 | 31.65 | 31.33 | 31.73 | 33.40 |
| Southern yellow pine ... dolls. per M ft. b. m | 26.31 | 26.49 | 27.21 | 27.68 | 27.82 | 28.15 | 28.82 | 28.32 | 29.66 | 28.42 | 30.73 | 32.51 | 33.44 |
| Meats: | | | | | | | | | | | | | |
| Beef, fresh, carcass, good native steers, Chicago ... dolls. per lb | .164 | .156 | .148 | .144 | .129 | .129 | .143 | .160 | .169 | .178 | .195 | .195 | .195 |
| Beef, fresh, carcass, steers, New York ... dolls. per lb | .175 | .173 | .165 | .158 | .145 | .145 | .155 | .172 | .180 | .196 | .205 | .205 | .205 |
| Cattle, corn-fed, Chicago ... dolls. per 100 lbs | 10.200 | 9.250 | 8.656 | 8.620 | 7.250 | 7.320 | 7.675 | 8.563 | 9.075 | 9.106 | 10.00 | 10.58 | 10.31 |
| Hogs, heavy, Chicago ... dolls. per 100 lbs | 4.64 | 5.41 | 5.71 | 6.35 | 6.24 | 6.39 | 6.40 | 7.08 | 7.18 | 6.73 | 7.34 | 7.94 | 8.86 |
| Sheep, ewes, Chicago ... dolls. per cwt | 2.00 | 1.63 | 1.63 | 1.98 | 2.56 | 1.55 | 2.44 | 3.29 | 3.79 | 3.69 | 3.44 | 2.93 | 3.38 |
| Sheep, lambs, Chicago ... dolls. per lb | 4.98 | 5.70 | 5.94 | 5.95 | 6.06 | 6.98 | 8.36 | 8.76 | 8.27 | 8.31 | 7.98 | 7.40 | 7.13 |
| Pork, hams, smoked, Chicago ... dolls. per lb | .172 | .182 | .186 | .185 | .173 | .174 | .182 | .184 | .187 | .195 | .207 | .213 | .222 |
| Western dressed steers, New York ... dolls. per lb | .175 | .173 | .165 | .158 | .145 | .145 | .155 | .172 | .180 | .196 | .205 | .205 | .205 |
| Methanol: | | | | | | | | | | | | | |
| Refined ... dolls. per gal | .35 | .35 | .35 | .35 | .35 | .35 | .35 | .35 | .40 | .40 | .40 | .40 | .40 |
| Milk, condensed, New York ... dolls. per case | 4.75 | 4.75 | 4.75 | 5.00 | 5.65 | 5.65 | 5.65 | 5.65 | 5.65 | 5.79 | 6.03 | 6.03 | 6.03 |
| Milk, evaporated ... dolls. per case | 3.00 | 3.00 | 3.00 | 3.00 | 3.10 | 3.20 | 3.30 | 3.50 | 3.50 | 3.50 | 3.75 | 3.80 | 3.80 |
| Nonferrous metals ... rel. to 1926 | 53.5 | 53.7 | 56.8 | 58.0 | 59.4 | 58.9 | 60.6 | 65.1 | 67.1 | 66.1 | 67.4 | 69.7 | 68.4 |
| Oats: | | | | | | | | | | | | | |
| No. 3, white, Chicago ... dolls. per bu | .26 | .23 | .22 | .21 | .23 | .27 | .28 | .30 | .31 | .32 | .32 | .34 | .33 |
| Oils and fats ... rel. to 1927 | ---- | 47 | 51 | 62 | 68 | 64 | 68 | 72 | 71 | 68 | 71 | 73 | 73 |
| Oleomargarine, standard, uncolored, Chicago ... dolls. per lb | .133 | .127 | .119 | .105 | .106 | .110 | .128 | .145 | .145 | .155 | .177 | .190 | .205 |
| Paper, newsprint, rolls, destination, New York ... dolls. per short ton | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 57.000 | 62.000 | 62.000 |
| Petroleum: | | | | | | | | | | | | | |
| Crude, Kansas-Oklahoma ... dolls. per bbl | .710 | .560 | .560 | .434 | .238 | .300 | .530 | .530 | .594 | .850 | .850 | .850 | .850 |
| Gas and fuel oils, Oklahoma 24-26, refineries ... dolls. per bbl | ---- | .338 | .319 | .280 | .294 | .385 | .463 | .488 | .510 | .588 | .600 | .610 | .650 |
| Gasoline, New York ... dolls. per gal | .143 | .143 | .143 | .133 | .133 | .133 | .133 | .133 | .133 | .138 | .135 | .141 | .141 |
| Kerosene, 150° water white ... dolls. per gal | .041 | .039 | .039 | .038 | .038 | .042 | .045 | .048 | .051 | .053 | .054 | .054 | .053 |
| Lubricating oil, cylinder ... dolls. per gal | ---- | ---- | ---- | ---- | ---- | ---- | ---- | .145 | .145 | .146 | .165 | .172 | .184 |
| Pig iron, foundry No. 2, Pittsburgh ... dolls. per long ton | 17.76 | 18.39 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.26 | 18.51 | 18.76 | 18.76 | 18.76 |
| Potatoes ... dolls. per bu | .457 | .462 | .601 | .767 | .825 | .753 | .870 | .908 | .849 | .867 | .903 | .898 | .950 |
| Rayon, 150 denier "A" grade, New York ... dolls. per lb | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .95 | .95 |
| Rosin, gum, New York ... dols. per bbl | 3.96 | 3.80 | 3.87 | 3.94 | 4.28 | 4.68 | 4.70 | 4.73 | 4.64 | 4.38 | 4.45 | 4.95 | 5.29 |
| Rubber, crude, smoked sheets, New York ... dolls. per lb | .046 | .050 | .050 | .054 | .063 | .063 | .064 | .064 | .077 | .076 | .082 | .089 | .089 |
| Rye, No. 2, Minneapolis ... dolls. per bu | .51 | .41 | .39 | .38 | .37 | .37 | .36 | .35 | .36 | .37 | .38 | .44 | .43 |
| Sheep, ewes, Chicago ... dolls. per 100 lbs | 2.00 | 1.63 | 1.63 | 1.98 | 2.56 | 1.55 | 2.44 | 3.29 | 3.79 | 3.69 | 3.44 | 2.93 | 3.38 |
| Sheep, lambs, Chicago ... doll. per 100 lbs | 4.98 | 5.70 | 5.94 | 5.95 | 6.06 | 6.98 | 8.36 | 8.76 | 8.27 | 8.31 | 7.98 | 7.40 | 7.13 |
| Shoes, men's black calf blucher, Boston ... dolls. per pair | 6.311 | 6.55 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 |
| Shoes, men's dress welt, tan calf, oxford, St. Louis ... dolls. per pair | 4.35 | 4.35 | 4.35 | 4.35 | 4.35 | 4.49 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.72 | 4.85 |
| Shoes, women's black kid, McKay sewed ... dolls. per pair | 3.150 | 3.150 | 3.150 | 3.150 | 3.150 | 3.250 | 3.250 | 3.250 | 3.250 | 3.250 | 3.250 | 3.450 | 3.550 |
| Silk, raw, Japanese, 13-15, New York ... dolls. per lb | 2.315 | 2.266 | 2.315 | 2.512 | 2.364 | 2.463 | 2.266 | 2.266 | 2.561 | 2.709 | 2.807 | 2.709 | 2.463 |
| Silk goods, composite ... dolls. per yd | .98 | .98 | .98 | .98 | .98 | .99 | .99 | .99 | .99 | 1.00 | 1.02 | 1.02 | 1.02 |
| Steel beams, mill, Pittsburgh ... dolls. per cwt | 1.60 | 1.60 | 1.60 | 1.60 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.63 | 1.60 | 1.60 |
| Steel, crude: | | | | | | | | | | | | | |
| Composite, finished steel ... dolls. per 100 lbs | 2.18 | 2.18 | 2.20 | 2.19 | 2.20 | 2.19 | 2.21 | 2.22 | 2.23 | 2.22 | 2.22 | 2.19 | 2.20 |
| Iron and steel, composite ... dolls. per long ton | 30.61 | 30.81 | 31.03 | 31.05 | 31.05 | 31.02 | 31.39 | 31.61 | 31.66 | 31.65 | 31.70 | 31.76 | 31.95 |
| Steel billets, Bessemer ... dolls. per long ton | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.50 | 30.00 | 30.00 | 30.00 | 30.00 | 30.60 | 31.00 |
| Steel scrap, Chicago ... dolls. per gross ton | 80.00 | 8.000 | 8.200 | 8.375 | 8.750 | 8.750 | 8.875 | 9.813 | 10.000 | 10.063 | 10.219 | 10.000 | 10.125 |
| Structural steel beams ... dolls. per 100 lbs | 1.60 | 1.60 | 1.60 | 1.60 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.63 | 1.60 | 1.60 |
| Structural steel beams ... rel. to 1926 | 81.7 | 81.7 | 81.7 | 81.7 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 83.0 | 81.7 | 81.7 |
| Sulphuric acid ... dolls. per ton | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 | 15.50 |
| Sugar: | | | | | | | | | | | | | |
| Retail average, 51 cities ... rel. to 1913 | 102 | 102 | 104 | 104 | 102 | 102 | 102 | 104 | 106 | 107 | 107 | 107 | 107 |
| Retail granulated, New York ... dolls. per lb | .052 | .052 | .052 | .053 | .051 | .050 | .050 | .050 | .051 | .053 | .053 | .053 | .053 |
| Wholesale, 96° centrif., New York ... dolls. per lb | .034 | .034 | .034 | .035 | .035 | .033 | .032 | .033 | .033 | .033 | .034 | .033 | .034 |
| Wholesale, granulated, New York ... dolls. per lb | .044 | .045 | .045 | .046 | .046 | .044 | .043 | 044 | .043 | .045 | .046 | .046 | .047 |
| Tea, Formosa fine, New York ... dolls. per lb | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 |
| Textiles, general ... rel. to 1926 | 60.7 | 61.5 | 62.9 | 64.2 | 65.4 | 65.4 | 66.3 | 67.6 | 69.2 | 70.4 | 71.0 | 72.4 | 73.3 |
| Tin, wholesale, straits, New York ... dolls. per lb | .2281 | .2276 | .2468 | .2575 | .2502 | .2341 | .2320 | .2512 | .2707 | .2631 | .2610 | .2527 | .2589 |

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **WHOLESALE PRICES—Continued** | | | | | | | | | | | | | |
| Turpentine gum, New York ... dolls. per gal. | 0.40 | 0.36 | 0.37 | 0.36 | 0.39 | 0.55 | 0.54 | 0.56 | 0.53 | 0.45 | 0.44 | 0.42 | 0.43 |
| Wheat: | | | | | | | | | | | | | |
| No. 1, northern spring, Minneapolis ... dolls. per bu. | .80 | [1] .71 | .69 | .65 | .61 | .74 | .81 | .79 | .76 | .75 | .76 | .77 | .75 |
| No. 2, red winter, St. Louis ... dolls. per bu. | .62 | .52 | .47 | .47 | .48 | .72 | .79 | .80 | .78 | .79 | .78 | .83 | .83 |
| No. 2, hard winter, Kansas City ... dolls. per bu. | .59 | .48 | .43 | .43 | .44 | .68 | .73 | .73 | .70 | .69 | .69 | .71 | .69 |
| Wheat flour: | | | | | | | | | | | | | |
| Standard patents, Minneapolis ... dolls. per bbl. | 4.84 | 4.28 | 4.24 | 4.21 | 4.13 | 4.75 | 4.85 | 4.71 | 4.67 | 4.85 | 4.96 | 4.89 | 4.69 |
| Winter straights, Kansas City ... dolls. per bbl. | 3.03 | 3.10 | 2.96 | 2.96 | 3.84 | 4.12 | 4.14 | 4.02 | 4.00 | 4.06 | 4.09 | 4.03 | 4.14 |
| Wool: | | | | | | | | | | | | | |
| Raw, territory, fine, scoured ... dolls. per lb. | .58 | .58 | .62 | .63 | .62 | .62 | .63 | .65 | .66 | .66 | .68 | .72 | .72 |
| Raw, Ohio and Pennsylvania, fleeces, ¼ blood, combing grease ... dolls. per lb. | .21 | .21 | .22 | .23 | .21 | .20 | .20 | .22 | .22 | .23 | .26 | .27 | .29 |
| Suiting, 13 oz ... dolls. per yd. | 1.400 | 1.400 | 1.400 | 1.490 | 1.494 | 1.494 | 1.494 | 1.494 | 1.543 | 1.601 | 1.601 | 1.601 | 1.601 |
| Women's dress goods, French serge, 54-in., at factory ... dolls. per yd. | | .925 | .925 | .925 | .925 | .925 | .925 | .968 | 1.050 | 1.050 | 1.050 | 1.050 | 1.050 |
| Worsted yarns ... dolls. per lb. | .950 | .950 | .950 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.10 | 1.10 | 1.17 | 1.20 |
| Zinc, prime western ... dolls. per lb. | .0321 | .0338 | .0374 | .0382 | .0389 | .0342 | .0331 | .0372 | .0400 | .0401 | .0404 | .0410 | .0427 |
| **FARM PRICES** | | | | | | | | | | | | | |
| Cotton and cottonseed (2) ... rel. to 1909-14 | 50 | 42 | 47 | 53 | 71 | 65 | 74 | 78 | 80 | 76 | 72 | 73 | 80 |
| Dairy and poultry products (4) ... rel. to 1909-14 | 102 | 99 | 93 | 89 | 84 | 85 | 87 | 96 | 99 | 95 | 108 | 120 | 130 |
| Fruits and vegetables (9) ... rel. to 1909-14 | 68 | 70 | 83 | 97 | 110 | 114 | 119 | 120 | 109 | 109 | 108 | 108 | 114 |
| Grains (6) ... rel. to 1909-14 | 57 | 46 | 50 | 54 | 57 | 67 | 74 | 74 | 74 | 75 | 77 | 80 | 80 |
| Meat animals (5) ... rel. to 1909-14 | 76 | 79 | 86 | 92 | 92 | 91 | 99 | 106 | 106 | 106 | 112 | 112 | 118 |
| Unclassified (5) ... rel. to 1909-14 | 51 | 53 | 55 | 60 | 58 | 59 | 62 | 63 | 65 | 67 | 69 | 70 | 73 |
| All groups (31) ... rel. to 1909-14 | 71 | 68 | 72 | 75 | 79 | 80 | 86 | 91 | 91 | 90 | 94 | 97 | 103 |
| **RETAIL PRICES** | | | | | | | | | | | | | |
| Retail food index (Dept. of Labor) ... rel. to 1913 | 116.7 | 119.1 | 119.4 | 119.7 | 119.0 | 118.3 | 121.0 | 124.0 | 126.4 | 127.0 | 132.8 | 137.2 | 141.4 |
| Retail coal index (Dept. of Labor) ... rel. to 1913 | | 189.1 | 188.7 | 186.1 | 184.3 | 180.8 | 179.4 | 181.8 | 187.7 | 187.6 | 188.1 | 188.1 | 188.0 |
| **AIRPLANES** | | | | | | | | | | | | | |
| Deliveries, military ... number | | | 57 | 56 | 44 | 77 | 58 | 63 | 93 | 74 | 115 | 126 | 72 |
| Exports, during month ... number | | | 11 | 18 | 15 | 21 | 11 | 8 | 9 | 7 | 12 | 23 | 38 |
| Production: | | | | | | | | | | | | | |
| Commercial aircraft ... number | | | 89 | 150 | 212 | 257 | 288 | 207 | 185 | 76 | 119 | 70 | 70 |
| Manufactured for export ... number | | | 11 | 18 | 15 | 21 | 1 | 7 | 9 | 7 | 12 | 17 | 17 |
| **AUTOMOBILES** | | | | | | | | | | | | | |
| Production index (Fed. Res. Bd.) ... rel. to 1923-25 | 34 | [1] 26 | 40 | 52 | 60 | 65 | 77 | 77 | 67 | 68 | 63 | 85 | 74 |
| Production index (elect. energy consumed) ... rel. to 1923-25 | 65.5 | 57.4 | 53.7 | 43.6 | 55.9 | 71.3 | 89.7 | 90.8 | 94.1 | 88.9 | 67.5 | 71.5 | 74.9 |
| Passenger cars and trucks: | | | | | | | | | | | | | |
| Production, actual— | | | | | | | | | | | | | |
| Canada— | | | | | | | | | | | | | |
| Total ... no. of cars | 1,247 | 1,440 | 2,646 | 4,544 | 4,220 | 6,835 | 12,738 | 17,159 | 12,993 | 9,871 | 6,496 | 5,622 | 5,407 |
| Passenger cars ... no. of cars | 812 | 761 | 2,108 | 3,426 | 3,151 | 5,583 | 10,621 | 14,043 | 10,483 | 7,529 | 4,552 | 4,225 | 3,527 |
| Trucks ... no. of cars | 435 | 679 | 538 | 1,118 | 1,069 | 1,252 | 2,117 | 3,116 | 2,510 | 2,342 | 1,944 | 1,397 | 1,880 |
| United States— | | | | | | | | | | | | | |
| Total ... no. of cars | 68,867 | 80,142 | 140,566 | 187,197 | 218,490 | 250,640 | 317,163 | 336,939 | 276,405 | 219,940 | 171,848 | 155,701 | 136,754 |
| Passenger cars ... no. of cars | 48,185 | 57,764 | 109,087 | 155,321 | 183,993 | 210,016 | 271,135 | 286,252 | 230,834 | 179,890 | 137,805 | 120,833 | 100,532 |
| Taxicabs ... no. of cars | 999 | 651 | 141 | 104 | 180 | 360 | 340 | 665 | 410 | 529 | 512 | 1,425 | 609 |
| Trucks ... no. of cars | 19,683 | 21,727 | 31,338 | 31,772 | 34,317 | [1] 40,244 | 45,688 | 50,022 | 45,161 | 39,521 | 33,531 | 33,443 | 35,613 |
| Electric industrial trucks and tractors: | | | | | | | | | | | | | |
| Shipments— | | | | | | | | | | | | | |
| Domestic ... number | 19 | 16 | 39 | 37 | 63 | 50 | 69 | 48 | 84 | 50 | 33 | 42 | 37 |
| Exports ... number | 2 | 1 | 4 | 13 | 15 | 25 | 0 | 23 | 9 | 6 | 5 | 9 | 9 |
| Autos, parts and accessories, export value ... thous. of dolls. | 5,548 | 8,492 | 8,658 | 10,651 | 11,525 | 12,755 | 14,174 | 18,004 | 18,494 | 16,071 | 14,353 | 15,292 | 14,080 |
| Exports (assembled): | | | | | | | | | | | | | |
| From Canada— | | | | | | | | | | | | | |
| Total ... no. of cars | 398 | 630 | 690 | 740 | 934 | 1,021 | 1,512 | 1,172 | 1,853 | 1,565 | 3,054 | 3,645 | 2,588 |
| Passenger cars ... no. of cars | 275 | 476 | 557 | 542 | 644 | 789 | 1,083 | 763 | 1,327 | 881 | 1,798 | 2,193 | 1,260 |
| Trucks ... no. of cars | 123 | 154 | 133 | 198 | 290 | 232 | 429 | 409 | 526 | 684 | 1,256 | 1,452 | 1,328 |
| From United States— | | | | | | | | | | | | | |
| Total ... no. of cars | 3,112 | 7,707 | 8,748 | 8,055 | 9,996 | 10,183 | 12,966 | 16,727 | 17,528 | 13,374 | 12,838 | 14,198 | 12,078 |
| Passenger cars ... no. of cars | 1,928 | 3,207 | 4,577 | 5,699 | 6,478 | 5,843 | 8,468 | 11,228 | 11,526 | 9,187 | 8,304 | 9,096 | 6,039 |
| Trucks ... no. of cars | 1,184 | 4,500 | 4,171 | 2,356 | 3,518 | 4,340 | 4,498 | 5,499 | 6,002 | 4,187 | 4,534 | 5,102 | 6,039 |
| Financing: | | | | | | | | | | | | | |
| United States— | | | | | | | | | | | | | |
| Wholesale dealers ... thous. of dolls. | 15,743 | [1] 25,770 | 35,841 | 43,947 | 48,859 | 58,178 | 72,630 | 71,194 | 63,090 | 49,813 | 40,165 | 35,550 | 29,633 |
| Total consumers ... thous. of dolls. | 48,659 | [1] 60,692 | 68,285 | 79,641 | 95,953 | 104,698 | 109,426 | 113,045 | 92,055 | 66,181 | 61,734 | 65,967 | 60,197 |
| New cars ... thous. of dolls. | 25,431 | [1] 33,196 | 38,610 | 46,871 | 59,307 | 63,566 | 68,571 | 70,561 | 55,036 | 36,865 | 32,957 | 35,342 | 31,805 |
| Used cars ... thous. of dolls. | 21,945 | [1] 25,882 | 27,581 | 30,493 | 34,136 | 37,999 | 37,793 | 39,564 | 34,704 | 27,722 | 27,245 | 28,838 | 26,842 |
| Unclassified ... thous. of dolls. | 1,283 | [1] 1,614 | 2,094 | 2,277 | 2,509 | 3,133 | 3,062 | 2,920 | 2,315 | 1,593 | 1,532 | 1,787 | 1,550 |
| Canada— | | | | | | | | | | | | | |
| Total new and used cars and trucks ... thous. of dolls. | | | | 2,903 | 4,196 | 4,918 | 6,317 | 6,254 | 3,543 | 2,361 | 2,197 | 2,954 | 3,038 |
| New cars and trucks ... thous. of dolls. | | | | 1,417 | 2,102 | 2,445 | 3,440 | 3,376 | 1,890 | 921 | 910 | 613 | 817 |
| Used cars ... thous. of dolls. | | | | 1,485 | 2,094 | 2,474 | 2,877 | 2,878 | 1,653 | 1,440 | 1,287 | 2,341 | 2,221 |
| New passenger-car, registrations ... no. of cars | | 102,659 | 124,903 | 155,744 | 194,322 | 201,911 | 247,727 | 265,732 | 200,841 | 134,133 | 126,786 | 96,054 | 93,066 |
| Sales (General Motors Corp.): | | | | | | | | | | | | | |
| Total to consumers, U. S. ... no. of cars | 34,673 | 49,042 | 51,740 | 69,876 | 85,054 | 103,303 | 122,717 | 135,663 | 101,339 | 68,976 | 61,566 | 57,989 | 41,757 |
| Total to dealers, U. S. ... no. of cars | 23,716 | 21,305 | 47,895 | 62,667 | 78,723 | 100,270 | 136,778 | 132,629 | 98,943 | 80,373 | 76,681 | 68,252 | 48,155 |
| Total to dealers, including Canadian and overseas ... no. of cars | 29,359 | 25,975 | 58,122 | 70,078 | 87,449 | 111,668 | 153,730 | 154,252 | 119,195 | 96,003 | 89,349 | 80,008 | 57,257 |
| Fire-extinguishing equipment: | | | | | | | | | | | | | |
| Shipments— | | | | | | | | | | | | | |
| Motor vehicles ... number | 58 | 80 | 64 | 81 | 72 | 90 | 75 | 72 | 76 | 69 | 56 | 113 | 71 |
| Hand types ... number | 20,624 | [1] 24,729 | 28,720 | 28,334 | 29,895 | 29,696 | 31,117 | 32,538 | 34,248 | 29,280 | 27,713 | 34,295 | 29,213 |
| Accessories and parts, shipments: | | | | | | | | | | | | | |
| Accessories ... rel. to Jan., 1925 | | 80 | 66 | 66 | 57 | 61 | 61 | 66 | 65 | 53 | 46 | 55 | 63 |
| Original equipment ... rel. to Jan., 1925 | | 37 | 54 | 70 | 79 | 91 | 129 | 127 | 117 | 95 | 84 | 64 | 62 |
| Replacement parts ... rel. to Jan., 1925 | | 129 | 138 | 127 | 124 | 122 | 128 | 127 | 110 | 99 | 98 | 100 | 127 |
| Service parts ... rel. to Jan., 1925 | | 69 | 67 | 79 | 85 | 102 | 117 | 118 | 115 | 97 | 92 | 75 | 80 |
| Rim production ... thous. of rims | 638 | 282 | 505 | 924 | 813 | 1,085 | 1,508 | 1,718 | 1,425 | 1,011 | 681 | 567 | 920 |

[1] Revised

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **CHEMICALS AND ALLIED PRODUCTS** | | | | | | | | | | | | | |
| Production index (Fed. Res. Bd.) petroleum refining ... rel. to 1923–25 | | 161 | 161 | 165 | 162 | 161 | 163 | 161 | 152 | 149 | 144 | 149 | 151 |
| Production index (elect. energy consumed) ... rel. to 1923–25 | 138.9 | 142.0 | 144.6 | 137.6 | 137.7 | 132.7 | 133.8 | 137.4 | 139.3 | 146.6 | 132.0 | 133.5 | 145.0 |
| Prices, wholesale ... rel. to 1926 | 74.7 | 74.1 | 74.8 | 75.5 | 77.3 | 77.9 | 79.1 | 80.1 | 81.9 | 82.2 | 83.6 | 84.8 | 85.2 |
| Stocks, manufactured goods, end of month ... rel. to 1923–25 | 132.9 | [3] 127.0 | [3] 120.4 | 117.4 | 119.2 | 123.3 | 129.3 | 129.0 | 132.0 | 130.7 | 128.8 | 123.9 | 124.2 |
| Stocks, raw material, end of month ... rel. to 1923–25 | 114.1 | 120.7 | 99.5 | 85.3 | 86.7 | 87.9 | 88.4 | 91.5 | 96.5 | 103.2 | 107.7 | 124.2 | 128.5 |
| **Chemicals** | | | | | | | | | | | | | |
| Acetate of lime: | | | | | | | | | | | | | |
| Production ... thous. of lbs | 2,226 | 1,529 | [3] 1,482 | 666 | 840 | 1,853 | 2,953 | 4,400 | 7,452 | 7,073 | 8,023 | 7,357 | 6,535 |
| Shipments ... thous. of lbs | 3,035 | 2,172 | 6,268 | 4,777 | 4,654 | 3,856 | 4,674 | 5,160 | 4,465 | 3,468 | 5,195 | 8,375 | 9,128 |
| Stocks, end of month ... thous. of lbs | 16,039 | 10,848 | [3] 11,491 | 16,277 | 20,389 | 24,203 | 26,206 | 27,927 | 28,687 | 25,701 | 22,095 | 19,266 | 20,285 |
| Price, wholesale ... dolls. per cwt | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| Arsenic, crude: | | | | | | | | | | | | | |
| Production ... short tons | 1,250 | 1,821 | 994 | 2,594 | 1,036 | 1,407 | 1,491 | 1,402 | 1,957 | 1,494 | 2,803 | 1,483 | 2,392 |
| Stocks, end of month ... short tons | 4,801 | 5,066 | 4,669 | 4,977 | 3,972 | 4,280 | 4,768 | 5,265 | 5,478 | 5,862 | 6,486 | 5,767 | 5,937 |
| Arsenic refined: | | | | | | | | | | | | | |
| Production ... short tons | 1,126 | 1,180 | 1,252 | 1,238 | 997 | 1,024 | 1,044 | 964 | 1,506 | 1,409 | 1,570 | 1,439 | 1,508 |
| Stocks, end of month ... short tons | 4,306 | 3,907 | 3,528 | 2,616 | 2,440 | 2,201 | 2,012 | 1,950 | 2,181 | 2,449 | 2,419 | 2,221 | 2,010 |
| Ethyl alcohol: | | | | | | | | | | | | | |
| Production ... thous. of proof gals | 14,084 | 16,037 | 12,952 | 12,363 | 11,975 | 13,111 | 13,120 | 11,162 | 11,929 | 8,859 | 11,869 | 17,770 | 20,861 |
| Warehouse stocks, end of month ... thous. of proof gals | 12,690 | 15,130 | 15,885 | 17,024 | 14,888 | 16,171 | 14,711 | 13,074 | 11,633 | 11,008 | 9,442 | 6,858 | 8,304 |
| Withdrawn for denaturization ... thous. of proof gals | 15,515 | 15,564 | 13,076 | 11,637 | 10,436 | 10,491 | 10,288 | 10,541 | 8,795 | 6,296 | 8,081 | 19,134 | 20,070 |
| Methanol, crude: | | | | | | | | | | | | | |
| Production ... gallons | 206,416 | 183,851 | 133,507 | 113,892 | 154,473 | 182,273 | 247,808 | 322,049 | 483,222 | 465,728 | 522,656 | 469,312 | 424,736 |
| Stocks at crude plants, end of month ... gallons | 410,439 | 466,975 | 378,991 | 395,907 | 452,489 | 526,543 | 494,192 | 520,865 | 415,489 | 395,855 | 302,320 | 244,763 | 215,443 |
| Stocks at refineries and in transit ... gallons | 118,986 | 117,000 | 106,103 | 145,400 | 157,094 | 98,000 | 130,207 | 36,176 | 105,238 | 121,522 | 89,740 | 93,805 | 59,197 |
| Exports ... gallons | 37,473 | 80,065 | 30,455 | 42,300 | 61,240 | 59,950 | 52,048 | 54,857 | 30,146 | 18,295 | 45,139 | 90,111 | 40,814 |
| Menthanol, refined: | | | | | | | | | | | | | |
| Price, wholesale, New York ... dolls. per gal | .35 | .35 | .35 | .35 | .35 | .35 | .35 | .35 | .40 | .40 | .40 | .40 | .40 |
| Production ... gallons | 87,486 | 56,474 | 56,519 | 65,311 | 91,696 | 107,331 | 118,052 | 211,073 | 253,494 | 223,144 | 306,373 | 382,547 | 431,179 |
| Shipments ... gallons | 89,704 | 105,060 | 98,431 | 129,822 | 122,846 | 110,454 | 257,707 | 141,801 | 199,500 | 221,279 | 167,309 | 372,352 | 477,029 |
| Stocks, end of month ... gallons | 238,095 | 240,318 | 288,899 | 330,811 | 395,322 | 426,472 | 429,595 | 569,250 | 499,978 | 445,984 | 444,119 | 305,055 | 294,860 |
| Price index numbers: | | | | | | | | | | | | | |
| Crude drugs ... rel. to Aug., 1914 | 117 | 118 | 118 | 118 | 118 | 128 | 130 | 131 | 130 | 131 | 133 | 137 | 137 |
| Essential oils ... rel. to Aug., 1914 | 61 | 65 | 70 | 76 | 77 | 77 | 79 | 82 | 81 | 80 | 81 | 85 | 87 |
| Drugs and pharmaceuticals ... rel. to Aug., 1914 | 157 | 157 | 157 | 157 | 157 | 157 | 157 | 160 | 174 | 175 | 175 | 175 | 175 |
| Chemicals ... rel. to 1927 | | 86 | 86 | 86 | 88 | 88 | 89 | 90 | 90 | 89 | 90 | 93 | 94 |
| Oils and fats ... rel. to 1927 | | 47 | 51 | 62 | 68 | 64 | 68 | 72 | 71 | 68 | 71 | 73 | 73 |
| Plastic paints, cold-water paints, and calcimines | | | | | | | | | | | | | |
| Sales: of— | | | | | | | | | | | | | |
| Plastic paints ... thous. of dolls | 67 | 76 | 64 | 67 | 51 | 75 | 109 | 91 | 116 | 104 | 83 | 65 | 77 |
| Calcimines ... thous. of dolls | 99 | 145 | 162 | 122 | 127 | 141 | 165 | 162 | 175 | 122 | 96 | 100 | 105 |
| Cold-water paints ... thous. of dolls | 52 | 65 | 81 | 73 | 83 | 86 | 106 | 104 | 90 | 71 | 60 | 64 | 45 |
| Paint, varnish, and lacquer products: | | | | | | | | | | | | | |
| Total sales (315 establishments) ... thous. of dolls | 11,324 | [3] 13,961 | 14,680 | 14,242 | 15,112 | 19,126 | 22,600 | 21,689 | 17,972 | 14,269 | 13,586 | 11,600 | 13,821 |
| Trade sales ... thous. of dolls | 6,857 | [3] 8,507 | 8,956 | 8,392 | 8,802 | 12,011 | 14,430 | 13,477 | 10,461 | 7,844 | 7,399 | 6,171 | 7,649 |
| Industrial sales ... thous. of dolls | 4,417 | [3] 5,366 | 5,638 | 5,764 | 6,235 | 7,031 | 8,071 | 7,999 | 7,431 | 6,282 | 6,047 | 5,289 | 6,025 |
| Unclassified sales ... thous. of dolls | 49 | 88 | 86 | 85 | 75 | 84 | 100 | 213 | 81 | 144 | 141 | 140 | 147 |
| Sulphur, production (quarterly) ... long tons | | | [3] 539,231 | | | [3] 608,730 | | | [3] 649,595 | | | [3] 678,119 | |
| Sulphuric acid: * | | | | | | | | | | | | | |
| Production ... short tons | 99,654 | 106,751 | 102,632 | 110,599 | 92,895 | 90,772 | 105,250 | 116,447 | 146,458 | 163,647 | 184,036 | 186,656 | 185,472 |
| Purchases— | | | | | | | | | | | | | |
| From fertilizer manufacturers ... short tons | 18,665 | 18,802 | 12,988 | 13,412 | 14,709 | 25,176 | 26,565 | 15,424 | | | | | |
| From nonfertilizer manufacturers ... short tons | 14,119 | 14,553 | 9,655 | 15,967 | 23,006 | 18,876 | 14,601 | 15,844 | 26,189 | 35,594 | 59,244 | 51,472 | 41,282 |
| Exports ... pounds | 319,733 | 182,849 | 155,018 | 64,620 | 372,945 | 250,775 | 403,298 | 310,950 | 200,218 | 376,076 | 304,745 | 438,836 | 308,992 |
| Price, wholesale 66° ... dolls. per ton | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 | 15.500 |
| Synthetic dyes, imports ... pounds | 440,679 | 371,392 | 462,346 | 454,165 | 356,106 | 399,213 | 675,058 | 502,248 | 218,844 | 452,477 | 181,775 | 306,318 | 336,026 |
| Wood at distillation plants: | | | | | | | | | | | | | |
| Consumption ... cords | 22,136 | 21,885 | 15,596 | 12,123 | 14,364 | 19,363 | 24,444 | 31,458 | 48,607 | 44,933 | 51,390 | 46,814 | 42,888 |
| Stocks, end of month ... cords | 316,530 | 257,946 | 270,605 | 337,017 | 326,990 | 338,821 | 335,809 | 379,562 | 370,449 | 397,788 | 393,770 | 448,067 | 478,962 |
| Daily capacity— | | | | | | | | | | | | | |
| All plants ... cords | 2,505 | 2,505 | 2,505 | 2,505 | 2,505 | 2,505 | 2,505 | 2,505 | 2,499 | 2,499 | 2,499 | 2,519 | 2,519 |
| Plants shut down ... cords | 763 | 1,167 | 1,315 | 1,499 | 1,335 | 1,008 | 752 | 632 | 388 | 400 | 368 | 412 | 560 |
| **Cottonseed** | | | | | | | | | | | | | |
| Cottonseed: | | | | | | | | | | | | | |
| Consumption (crush) ... short tons | 866,694 | 862,032 | 451,324 | 50,148 | 19,739 | 44,164 | 87,014 | 155,373 | 280,637 | 401,736 | 589,911 | 669,264 | [3] 795,647 |
| Receipts at mills ... thous. of short tons | 1,259 | 1,570 | 875 | 95 | 13 | 32 | 37 | 44 | 111 | 158 | 219 | 578 | [3] 793 |
| Stocks at mills, end of month ... thous. of short tons | 1,585 | 1,193 | 484 | 60 | 26 | 33 | 45 | 95 | 207 | 377 | 620 | 991 | [3] 1,083 |
| Cottonseed cake and meal: | | | | | | | | | | | | | |
| Exports ... short tons | 56,060 | 39,829 | 10,260 | 3,590 | 1,304 | 225 | 797 | 6,588 | 5,750 | 3,147 | 11,084 | 7,538 | 1,580 |
| Production ... short tons | 387,573 | 385,190 | 201,517 | 28,206 | 8,567 | 23,144 | 43,350 | 75,921 | 135,144 | 190,314 | 270,965 | 305,019 | [3] 358,580 |
| Stocks, end of month ... short tons | 167,359 | 137,683 | 118,845 | 106,358 | 150,291 | 192,136 | 223,084 | 253,609 | 303,945 | 363,201 | 343,665 | 298,139 | [3] 254,075 |
| Cottonseed oil, crude: | | | | | | | | | | | | | |
| Production ... thous. of lbs | 270,412 | 269,031 | 136,699 | 17,196 | 6,918 | 14,726 | 28,019 | 52,469 | 89,794 | 124,392 | 181,221 | 201,621 | [3] 237,913 |
| Stocks, end of month ... thous. of lbs | 144,485 | 115,979 | 69,745 | 12,065 | 8,591 | 13,919 | 32,819 | 43,048 | 69,878 | 104,910 | 127,739 | 114,248 | [3] 114,845 |
| Cottonseed oil, refined: | | | | | | | | | | | | | |
| Factory consumption— | | | | | | | | | | | | | |
| Total (quarterly) ... thous. of lbs | | | [3] 232,420 | | | [3] 242,191 | | | [3] 276,906 | | | [3] 328,614 | |
| In oleomargarine ... thous. of lbs | | 1,480 | 1,154 | 910 | 876 | 1,012 | 1,200 | 1,447 | 1,621 | 1,465 | 1,875 | 2,178 | 2,091 |
| Price, yellow, prime, New York ... dolls. per lb | .047 | .045 | .044 | .059 | .069 | .068 | .069 | .076 | .076 | .073 | .073 | .072 | .076 |
| Production ... thous. of lbs | 226,631 | 206,643 | 63,989 | 11,968 | 16,268 | 30,398 | 36,470 | 76,852 | 115,302 | 130,556 | 150,998 | 188,823 | [3] 213,906 |
| Stocks, end of month ... thous. of lbs | 346,559 | 231,079 | 173,945 | 212,371 | 277,922 | 348,438 | 406,237 | 462,881 | 494,503 | 494,882 | 461,776 | 428,609 | [3] 350,925 |

* By 74 fertilizer companies operating 104 plants. [3] Revised. [3] Quarter ended in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **CHEMICALS AND ALLIED PRODUCTS**—Continued | | | | | | | | | | | | | |
| **Chemicals**—Continued | | | | | | | | | | | | | |
| **Explosives** | | | | | | | | | | | | | |
| Explosives, black powder, permissible and other high explosives: | | | | | | | | | | | | | |
| New orders ... thous. of lbs. | | 26,970 | 25,803 | 25,437 | 25,058 | 26,719 | 26,441 | 28,721 | 26,730 | 25,448 | 26,714 | 24,404 | 28,847 |
| Production ... thous. of lbs. | | 25,282 | 26,598 | 24,548 | 25,068 | 25,981 | 26,960 | 27,647 | 25,414 | 28,751 | 24,056 | 24,024 | 30,248 |
| Shipments ... thous. of lbs. | | 25,610 | 27,408 | 24,867 | 25,150 | 26,611 | 27,379 | 28,000 | 26,598 | 27,543 | 25,201 | 22,974 | 30,229 |
| Stocks, end of month ... thous. of lbs. | | 18,151 | 17,888 | 19,956 | 20,304 | 20,404 | 21,115 | 20,639 | 20,929 | 20,219 | 17,372 | 17,303 | 16,346 |
| **Fats and Oils** | | | | | | | | | | | | | |
| Animal fats (quarterly): | | | | | | | | | | | | | |
| Factory consumption ... thous. of lbs. | | | [3]176,221 | | | [3]166,069 | | | [3]154,951 | | | [3]154,560 | |
| Production ... thous. of lbs. | | | [3]491,837 | | | [3]559,588 | | | [3]618,459 | | | [3]515,794 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3]230,999 | | | [3]276,983 | | | [3]224,398 | | | [3]191,906 | |
| Animal glues: | | | | | | | | | | | | | |
| Production (quarterly) ... thous. of lbs. | | | [3] 20,847 | | | [3] 23,357 | | | [3] 23,348 | | | [3] 23,515 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3] 61,848 | | | [3] 58,757 | | | [3] 54,991 | | | [3] 51,055 | |
| Coconut or copra oil: | | | | | | | | | | | | | |
| Factory consumption— | | | | | | | | | | | | | |
| Crude (quarterly) ... thous. of lbs. | | | [3]137,730 | | | [3]139,128 | | | [3]138,255 | | | [3]159,546 | |
| Refined— | | | | | | | | | | | | | |
| Total (quarterly) ... thous. of lbs. | | | [3] 78,496 | | | [3] 78,348 | | | [3] 75,479 | | | [3] 90,307 | |
| In oleomargarine ... thous. of lbs. | | 13,859 | 10,947 | 9,473 | 6,169 | 7,105 | 8,466 | 11,329 | 12,086 | 11,492 | 14,873 | 16,491 | 17,111 |
| Imports ... thous. of lbs. | 25,186 | 30,784 | 29,455 | 18,228 | 34,845 | 31,000 | 15,970 | 26,862 | 27,550 | 44,034 | 24,690 | 30,952 | 20,477 |
| Production (quarterly)— | | | | | | | | | | | | | |
| Crude ... thous. of lbs. | | | [3] 61,388 | | | [3] 81,899 | | | [3] 91,446 | | | [3] 90,921 | |
| Refined ... thous. of lbs. | | | [3] 68,682 | | | [3] 67,351 | | | [3] 66,268 | | | [3] 84,264 | |
| Stocks, end of quarter— | | | | | | | | | | | | | |
| Crude ... thous. of lbs. | | | [3]201,036 | | | [3]206,123 | | | [3]201,932 | | | [3]158,846 | |
| Refined ... thous. of lbs. | | | [3] 17,516 | | | [3] 16,039 | | | [3] 16,869 | | | [3] 21,993 | |
| Copra: | | | | | | | | | | | | | |
| Factory consumption (quarterly) ... short tons | | | [3] 49,024 | | | [3] 63,434 | | | [3] 71,229 | | | [3] 71,134 | |
| Imports ... short tons | 20,953 | 19,352 | 19,832 | 20,207 | 18,012 | 17,179 | 17,871 | 18,927 | 25,890 | 33,133 | 34,056 | 37,419 | 33,886 |
| Stocks, end of quarter ... short tons | | | [3] 23,795 | | | [3] 17,491 | | | [3] 27,167 | | | [3] 41,077 | |
| Edible gelatin: | | | | | | | | | | | | | |
| Production (quarterly) ... thous. of lbs. | | | [3] 1,625 | | | [3] 4,415 | | | [3] 4,549 | | | [3] 4,434 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3] 6,543 | | | [3] 8,647 | | | [3] 8,642 | | | [3] 8,224 | |
| Fish oils: | | | | | | | | | | | | | |
| Factory consumption (quarterly) ... thous. of lbs. | | | [3] 52,497 | | | [3] 54,465 | | | [3] 44,620 | | | [3] 42,675 | |
| Production (quar erly) ... thous. of lbs. | | | [3] 29,847 | | | [3] 4,647 | | | [3] 11,587 | | | [3] 25,364 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3]247,638 | | | [3]262,106 | | | [3]215,405 | | | [3]197,758 | |
| Greases: | | | | | | | | | | | | | |
| Factory consumption (quarterly) ... thous. of lbs. | | | [3] 51,941 | | | [3] 55,715 | | | [3] 53,346 | | | [3] 49,494 | |
| Production (quarterly) ... thous. of lbs. | | | [3] 90,056 | | | [3] 94,985 | | | [3] 95,948 | | | [3] 89,338 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3] 81,072 | | | [3] 83,074 | | | [3] 79,012 | | | [3] 77,791 | |
| Lard compounds: | | | | | | | | | | | | | |
| Production (quarterly) ... thous. of lbs. | | | [3]276,713 | | | [3]278,216 | | | [3]291,386 | | | [3]331,412 | |
| Stocks, end of quarter ... thous. of lbs. | | | [3] 21,718 | | | [3] 25,140 | | | [3] 26,081 | | | [3] 26,672 | |
| Oleomargarine: | | | | | | | | | | | | | |
| Consumption ... thous. of lbs. | 22,838 | 23,401 | 19,499 | 16,483 | 9,289 | 13,180 | 15,460 | 17,150 | 19,573 | 19,751 | 27,237 | 27,593 | 30,631 |
| Production ... thous. of lbs. | | 23,965 | 18,836 | 16,075 | 11,271 | 12,636 | 14,912 | 19,618 | 21,154 | 20,335 | 25,740 | 28,969 | 29,633 |
| Vegetable oils: | | | | | | | | | | | | | |
| Exports ... thous. of lbs. | 1,070 | 1,814 | 455 | 1,025 | 1,008 | 1,775 | 2,356 | 2,154 | 3,831 | 2,947 | 4,775 | 2,086 | 2,294 |
| Factory consumption (quarterly) ... mills. of lbs. | | | [3] 489 | | | [3] 588 | | | [3] 829 | | | [3] 1,076 | |
| Imports ... thous. of lbs. | 66,677 | 59,225 | 50,633 | 63,096 | 74,285 | 75,470 | 72,280 | 52,463 | 68,238 | 79,809 | 72,142 | 72,028 | 75,352 |
| Production (quarterly) ... mills. of lbs. | | | [3] 441 | | | [3] 390 | | | [3] 674 | | | [3] 1,007 | |
| Stocks, end of quarter— | | | | | | | | | | | | | |
| Crude ... thous. of lbs. | | | [3]591,342 | | | [3]517,909 | | | [3]610,812 | | | [3]635,271 | |
| Refined ... thous. of lbs. | | | [3]209,759 | | | [3]386,176 | | | [3]531,666 | | | [3]469,807 | |
| **Fertilizer** | | | | | | | | | | | | | |
| Consumption, Southern States ... thous. of short tons | 66 | 94 | 91 | 40 | 25 | 74 | 195 | 1,132 | 1,352 | 640 | 343 | 74 | [3]72 |
| Imports: | | | | | | | | | | | | | |
| Total ... long tons | | 120,822 | 146,700 | 127,599 | 97,358 | 59,970 | 72,159 | 143,250 | 255,905 | 141,421 | 137,172 | 107,198 | 95,798 |
| Nitrogenous ... long tons | | 61,904 | 70,022 | 47,935 | 24,730 | 37,998 | 46,602 | 102,342 | 170,587 | 98,435 | 82,466 | 68,250 | 66,044 |
| Other fertilizers ... long tons | | 5,516 | 4,063 | 4,763 | 902 | 3,983 | 3,019 | 5,124 | 9,766 | 5,438 | 6,764 | 3,864 | 5,891 |
| Phosphates ... long tons | | 3,331 | 6,175 | 9,858 | 3,768 | 3,339 | 4,832 | 5,578 | 15,158 | 3,726 | 6,279 | 9,760 | 4,157 |
| Potash ... long tons | 12,872 | 50,071 | 66,440 | 65,043 | 67,958 | 14,650 | 17,706 | 30,206 | 60,394 | 33,822 | 41,663 | 25,324 | 19,706 |
| Exports: | | | | | | | | | | | | | |
| Total ... long tons | | 94,416 | 127,953 | 115,207 | 89,409 | 89,194 | 107,918 | 150,128 | 112,725 | 104,049 | 92,463 | 71,933 | 92,258 |
| Nitrogenous ... long tons | | 13,452 | 7,554 | 7,682 | 7,078 | 7,690 | 6,637 | 25,146 | 19,819 | 18,336 | 13,331 | 5,164 | 11,914 |
| Other fertilizers ... long tons | | 5,550 | 3,863 | 1,425 | 1,164 | 1,926 | 9,498 | 10,829 | 7,755 | 4,734 | 5,117 | 1,510 | 4,599 |
| Phosphate material ... long tons | | 75,114 | 115,621 | 105,717 | 80,670 | 79,472 | 91,049 | 113,017 | 84,682 | 80,696 | 73,520 | 64,721 | 74,863 |
| Prepared fertilizer ... long tons | | 300 | 915 | 383 | 497 | 106 | 734 | 1,136 | 469 | 283 | 495 | 538 | 882 |
| Nitrate of soda, imports ... thous. of long tons | 30 | 34 | 49 | 35 | 19 | 30 | 34 | 67 | 120 | 68 | 46 | 36 | 35 |
| Superphosphate (acid phosphate): | | | | | | | | | | | | | |
| Production ... thous. of short tons | | 141 | 142 | 162 | 143 | 146 | 162 | 195 | 226 | 249 | 326 | 336 | 303 |
| Shipments ... thous. of short tons | | 85 | 119 | 58 | 63 | 55 | 106 | 407 | 305 | 131 | 103 | 70 | 78 |
| Stocks, end of month ... thous. of short tons | | 1,285 | 1,237 | 1,275 | 1,158 | 1,060 | 996 | 1,101 | 1,836 | 2,287 | 2,292 | 2,110 | 1,877 |
| **Flaxseed** | | | | | | | | | | | | | |
| Flaxseed, imports ... thous. of bu. | 1,234 | 1,468 | 2,469 | 1,339 | 1,685 | 1,150 | 1,496 | 827 | 1,313 | 952 | 352 | 219 | 387 |
| Linseed cake and meal: | | | | | | | | | | | | | |
| Exports ... thous. of lbs. | 42,782 | 49,027 | 48,615 | 57,736 | 53,225 | 39,769 | 38,172 | 30,818 | 39,847 | 18,238 | 10,853 | 33,596 | 25,986 |
| Shipments from Minneapolis ... thous. of lbs. | | 14,354 | 17,385 | 13,972 | 11,414 | 7,653 | 8,432 | 12,145 | 17,827 | 11,046 | 17,227 | 16,824 | 17,315 |
| Linseed oil: | | | | | | | | | | | | | |
| Factory consumption (quarterly) ... thous. of lbs. | | | [3] 70,504 | | | [3] 95,544 | | | [3] 74,092 | | | [3] 68,894 | |
| Price, New York ... dolls. per lb. | .075 | .073 | .076 | .083 | .091 | .086 | .088 | .092 | .095 | .092 | .088 | .092 | .094 |
| Production (quarterly) ... thous. of lbs. | | | [3]141,205 | | | [3]130,635 | | | [3]118,417 | | | [3]131,257 | |
| Shipments from Minneapolis ... thous. of lbs. | | 4,410 | 6,806 | 5,675 | 6,285 | 6,788 | 11,921 | 12,792 | 11,552 | 9,594 | 8,553 | 7,385 | 10,199 |
| Stocks at factories (quarterly) ... thous. of lbs. | | | [3]107,508 | | | [3] 78,200 | | | [3]113,192 | | | [3]113,423 | |

[3] Revised.

[3] Quarter ended in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **CHEMICALS AND ALLIED PRODUCTS**—Continued | | | | | | | | | | | | | |
| **Flaxseed**—Continued | | | | | | | | | | | | | |
| Minneapolis and Duluth: | | | | | | | | | | | | | |
| Receipts.....thous. of bu.. | 1,026 | 1,452 | 2,766 | 2,436 | 378 | 789 | 456 | 309 | 498 | 426 | 491 | 709 | 1,424 |
| Shipments.....thous. of bu.. | 1,159 | 924 | 786 | 406 | 386 | 501 | 424 | 314 | 185 | 286 | 243 | 517 | 1,910 |
| Stocks, end of month.....thous. of bu.. | 1,605 | 1,422 | 1,381 | 747 | 675 | 790 | 784 | 973 | 1,205 | 1,293 | 877 | 1,386 | 1,411 |
| Oil mills (quarterly)— | | | | | | | | | | | | | |
| Consumption.....thous. of bu.. | ..... | ..... | [3] 7,610 | ..... | ..... | [3] 7,205 | ..... | ..... | [3] 6,571 | ..... | ..... | [3] 7,391 | ..... |
| Stocks, end of quarter.....thous. of bu.. | ..... | ..... | [3] 4,241 | ..... | ..... | [3] 1,198 | ..... | ..... | [3] 2,345 | ..... | ..... | [3] 4,472 | ..... |
| Price, No. 1, Minneapolis.....dolls. per bu.. | 1.46 | 1.32 | 1.37 | 1.41 | 1.64 | 1.48 | 1.55 | 1.57 | 1.58 | 1.56 | 1.57 | 1.61 | 1.65 |
| Production, crop estimate.....thous. of bu.. | [4] 11,018 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 21,240 | ..... |
| **Naval Stores** | | | | | | | | | | | | | |
| Pine oil: | | | | | | | | | | | | | |
| Production.....gallons.. | 140,690 | 176,973 | 172,539 | 114,205 | 210,711 | 231,207 | 210,012 | 219,053 | 208,690 | 220,066 | 144,440 | 229,737 | 229,979 |
| Stocks, end of month.....thous. of gals.. | 1,829 | 1,860 | 1,845 | 1,866 | 2,000 | 2,013 | 1,958 | 1,903 | 1,882 | 1,839 | 1,769 | 1,799 | 1,708 |
| Rosin, gum: | | | | | | | | | | | | | |
| Net receipts, Southern ports.....bbls.. | 95,642 | 101,157 | 116,630 | 129,018 | 156,810 | 165,500 | 120,819 | 88,741 | 38,977 | 27,322 | 41,345 | 117,489 | 107,414 |
| Price, "B," New York.....dolls. per bbl.. | 3.96 | 3.80 | 3.87 | 3.94 | 4.28 | 4.68 | 4.70 | 4.73 | 4.64 | 4.38 | 4.45 | 4.95 | 5.29 |
| Stocks at 3 ports, end of month.....bbls.. | 497,438 | 465,466 | 459,588 | 449,173 | 439,241 | 436,480 | 351,548 | 310,576 | 266,056 | 300,695 | 329,626 | 372,090 | 323,142 |
| Rosin, wood: | | | | | | | | | | | | | |
| Production.....bbls.. | 21,440 | 26,102 | 25,058 | 17,074 | 28,495 | 34,747 | 33,593 | 35,585 | 33,544 | 32,332 | 24,488 | 34,332 | 38,931 |
| Stocks, end of month.....bbls.. | 93,142 | 101,537 | 108,350 | 112,295 | 131,942 | 126,289 | 124,830 | 126,534 | 125,919 | 130,490 | 125,630 | 122,318 | 119,727 |
| Turpentine, gum: | | | | | | | | | | | | | |
| Net receipts, Southern ports.....bbls.. | 23,147 | 30,849 | 28,995 | 37,112 | 53,459 | 52,345 | 37,026 | 26,102 | 9,511 | 5,354 | 7,228 | 27,482 | 28,107 |
| Price, New York.....dolls. per gal.. | .40 | .36 | .37 | .36 | .39 | .55 | .54 | .56 | .53 | .45 | .44 | .42 | .43 |
| Stocks at port, end of month.....bbls.. | 119,388 | 120,953 | 115,178 | 114,421 | 122,214 | 101,905 | 66,248 | 53,393 | 45,232 | 58,202 | 68,320 | 84,911 | 95,860 |
| Turpentine, wood: | | | | | | | | | | | | | |
| Production.....bbls.. | 3,547 | 3,922 | 3,797 | 2,607 | 4,370 | 5,675 | 5,996 | 6,344 | 5,740 | 5,634 | 4,757 | 6,200 | 6,584 |
| Stocks, end of month.....bbls.. | 5,143 | 5,231 | 4,817 | 5,358 | 5,307 | 4,535 | 4,727 | 8,383 | 9,987 | 13,537 | 14,437 | 15,799 | 13,895 |
| **Roofing** | | | | | | | | | | | | | |
| Dry roofing felt: | | | | | | | | | | | | | |
| Production.....short tons.. | 12,028 | 16,116 | 18,356 | 17,143 | 16,747 | 16,795 | 19,998 | 18,001 | 16,643 | 13,787 | 13,045 | 8,106 | 8,944 |
| Stocks, end of month.....short tons.. | 5,456 | 5,021 | 4,834 | 4,761 | 4,908 | 4,398 | 4,092 | 4,360 | 5,378 | 4,677 | 4,759 | 3,731 | 4,036 |
| Prepared roofing, shipments: | | | | | | | | | | | | | |
| Grit roll.....thous. of sqs.. | ..... | 574 | 711 | 568 | 532 | 520 | 570 | 533 | 333 | 330 | 322 | 242 | 372 |
| Shingles— | | | | | | | | | | | | | |
| Individual and single thickness .....thous. of sqs.. | ..... | 130 | 153 | 136 | 127 | 131 | 155 | 146 | 92 | 60 | 51 | 63 | 86 |
| Strip, patented, and hexagon .....thous. of sqs.. | ..... | 470 | 535 | 466 | 485 | 512 | 541 | 555 | 329 | 277 | 249 | 238 | 283 |
| Smooth roll.....thous. of sqs.. | ..... | 1,128 | 1,198 | 1,067 | 873 | 843 | 965 | 967 | 702 | 714 | 773 | 583 | 742 |
| Total.....thous. of sqs.. | ..... | 2,302 | 2,597 | 2,237 | 2,017 | 2,006 | 2,230 | 2,202 | 1,456 | 1,381 | 1,395 | 1,126 | 1,484 |
| **FOODSTUFFS** | | | | | | | | | | | | | |
| Production index: | | | | | | | | | | | | | |
| Food products (Fed. Res. Bd.).....rel. to 1923-25.. | 91 | [2] 91 | 92 | 88 | 88 | 83 | 91 | 96 | 87 | 92 | 93 | 89 | 94 |
| Food and kindred products (elect. energy consumed).rel. to 1923-25.. | 144.0 | 136.5 | 142.0 | 146.4 | 147.0 | 136.2 | 126.8 | 122.0 | 116.8 | 122.0 | 118.3 | 107.1 | 124.4 |
| Stocks, manufactured foodstuffs.....rel. to 1923-25.. | 65.9 | [2] 68.1 | [3] 81.3 | 97.4 | 111.1 | 106.3 | 97.0 | 96.1 | 93.5 | 97.3 | 95.5 | 89.1 | 88.6 |
| Stocks, raw foodstuffs.....rel. to 1923-25.. | 205.8 | [2] 201.4 | 204.1 | 213.1 | 191.7 | 178.2 | 189.7 | 193.7 | 202.1 | 197.9 | 194.8 | 205.1 | 200.0 |
| **Candy** | | | | | | | | | | | | | |
| Sales by manufacturers.....thous. of dolls.. | 23,206 | 24,110 | 22,965 | 15,558 | 12,176 | 15,512 | 15,680 | 21,608 | 22,062 | 21,444 | 21,948 | 28,727 | 29,500 |
| **Cocoa** | | | | | | | | | | | | | |
| Shipments from Gold and Nigerian Coasts, Africa.....long tons.. | 23,080 | 7,256 | 6,663 | 4,355 | 7,783 | 11,870 | 11,720 | 33,864 | 48,353 | 51,550 | 39,278 | 21,756 | 18,888 |
| Imports.....long tons.. | ..... | 8,152 | 14,104 | 13,546 | 17,746 | 14,892 | 22,520 | 20,242 | 20,942 | 13,696 | 16,418 | 13,700 | 6,338 |
| Spot price, Accra, New York.....dolls. per lb.. | .0494 | .0475 | .0463 | .0525 | .0581 | .0563 | .0494 | .0535 | .0550 | .0563 | .0619 | .0675 | .0688 |
| **Coffee** | | | | | | | | | | | | | |
| Clearances: | | | | | | | | | | | | | |
| Total, Brazil for United States.....thous. of bags.. | 870 | 805 | 711 | 592 | 530 | 760 | 643 | 1,080 | 849 | 889 | 952 | 881 | 514 |
| Total, Brazil for world.....thous. of bags.. | 1,529 | 1,485 | 1,263 | 1,216 | 1,161 | 1,504 | 1,333 | 1,863 | 1,559 | 1,590 | 1,647 | 1,590 | 1,080 |
| Imports.....thous. of bags.. | 936 | 907 | 794 | 884 | 1,100 | 1,037 | 1,415 | 1,126 | 1,407 | 1,289 | 1,094 | 1,098 | 967 |
| Price, Rio No. 7, Brazil grades..dolls. per lb.. | .063 | .058 | .056 | .056 | .063 | .068 | .061 | .053 | .056 | .064 | .068 | .070 | .079 |
| Receipts, total Brazil.....thous. of bags.. | 2,319 | 1,711 | 1,533 | 1,495 | 1,462 | 1,535 | 1,755 | 1,550 | 1,565 | 1,648 | 1,697 | 1,494 | 1,549 |
| Visible supply: | | | | | | | | | | | | | |
| United States.....thous. of bags.. | 1,639 | 1,637 | 1,555 | 1,592 | 1,491 | 1,395 | 1,345 | 1,088 | 1,148 | 1,161 | 866 | 929 | 817 |
| World.....thous. of bags.. | 6,755 | 6,374 | 6,578 | 6,944 | 6,960 | 6,724 | 6,286 | 6,136 | 5,963 | 5,879 | 5,455 | 5,188 | 5,014 |
| **Dairy Products** | | | | | | | | | | | | | |
| BUTTER | | | | | | | | | | | | | |
| Apparent consumption.....thous. of lbs.. | ..... | 190,179 | 189,462 | 203,734 | 197,536 | 205,626 | 228,387 | 184,528 | 160,753 | 152,985 | 163,689 | 166,506 | 154,987 |
| Cold-storage holdings, creamery, end of month.....thous. of lbs.. | 42,297 | 56,164 | 80,152 | 104,678 | 115,121 | 89,172 | 35,155 | 17,195 | 18,010 | 30,672 | 46,792 | 63,401 | 88,012 |
| Production (factory).....thous. of lbs.. | 112,002 | 121,062 | 118,202 | 136,769 | 158,061 | 188,040 | 174,827 | 140,676 | 122,954 | 105,192 | 112,843 | 111,670 | 101,950 |
| Receipts, 5 markets.....thous. of lbs.. | 44,925 | 43,857 | 42,863 | 45,588 | 58,522 | 74,154 | 61,813 | 53,566 | 48,739 | 43,251 | 45,644 | 43,892 | 36,848 |
| Wholesale price, New York.....dolls. per lb.. | .31 | .34 | .33 | .28 | .25 | .23 | .24 | .26 | .29 | .28 | .29 | .32 | .36 |
| CHEESE | | | | | | | | | | | | | |
| Total, all varieties: | | | | | | | | | | | | | |
| Apparent consumption.....thous. of lbs.. | ..... | 51,687 | 46,557 | 45,277 | 45,088 | 53,147 | 55,345 | 47,925 | 46,332 | 38,068 | 41,070 | 39,500 | 40,035 |
| Cold-storage holdings, end of month.....thous. of lbs.. | 78,587 | [2] 81,743 | 83,426 | 86,418 | 84,003 | 72,977 | 55,939 | 53,172 | 54,270 | 61,841 | 69,471 | 79,015 | 87,171 |
| Exports, Canada.....thous. of lbs.. | 11,022 | 21,945 | 16,688 | 11,929 | 11,496 | 4,078 | 1,517 | 505 | 491 | 306 | 918 | 4,025 | 14,677 |
| Exports, United States.....thous. of lbs.. | 140 | 112 | 116 | 124 | 148 | 119 | 139 | 121 | 208 | 118 | 129 | 176 | 108 |
| Imports, United States.....thous. of lbs.. | 6,057 | 7,179 | 5,515 | 4,389 | 3,413 | 5,121 | 5,856 | 6,471 | 4,611 | 4,062 | 4,123 | 4,163 | 5,041 |
| Receipts, 5 markets.....thous. of lbs.. | 10,569 | 13,588 | 11,949 | 14,264 | 14,190 | 17,480 | 12,145 | 11,445 | 11,717 | 10,406 | 11,600 | 10,400 | 10,784 |
| Production (factory).....thous. of lbs.. | ..... | 43,282 | 38,175 | 43,218 | 52,960 | 64,533 | 52,568 | 40,470 | 34,388 | 26,379 | 27,543 | 35,057 | 35,782 |
| American whole milk: | | | | | | | | | | | | | |
| Cold-storage holdings, end of month.....thous. of lbs.. | 60,606 | 64,071 | [2] 65,802 | 68,874 | 68,532 | 58,144 | 42,461 | 40,542 | 41,836 | 47,968 | 54,499 | 63,326 | 71,132 |
| Wholesale price, New York..dolls. per lb.. | .15 | .16 | .17 | .16 | .15 | .14 | .14 | .15 | .16 | .16 | .17 | .18 | .19 |

[2] Revised. [3] Quarter ended in month indicated. [4] As of Dec. 1. [5] Final estimate for 1930.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOODSTUFFS—Continued** | | | | | | | | | | | | | |
| EGGS | | | | | | | | | | | | | |
| Cold-storage holdings, end of month: | | | | | | | | | | | | | |
| Case ... thous. of cases | 3,447 | [3] 5,745 | 7,960 | 9,016 | 9,504 | 9,507 | 7,887 | 5,162 | 1,893 | 408 | 735 | 1,894 | 4,154 |
| Frozen ... thous. of lbs | 86,323 | [3] 94,816 | 103,302 | 110,271 | 114,700 | 113,513 | 106,607 | 91,517 | 78,051 | 73,889 | 75,685 | 83,184 | 89,571 |
| Receipts, 5 markets ... thous. of cases | 578 | 722 | 943 | 1,053 | 1,180 | 1,862 | 2,236 | 2,478 | 2,046 | 1,264 | 1,026 | 768 | 593 |
| MILK | | | | | | | | | | | | | |
| Condensed milk: | | | | | | | | | | | | | |
| Exports ... thous. of lbs | 1,443 | 1,180 | 1,309 | 1,477 | 1,862 | 1,372 | 1,973 | 1,853 | 1,873 | 1,345 | 2,403 | 1,907 | 1,973 |
| Total stocks, manufacturers, end of month— | | | | | | | | | | | | | |
| Case goods ... thous. of lbs | 15,130 | 17,264 | 20,349 | 22,504 | 24,071 | 23,998 | 19,892 | 12,390 | 13,227 | 13,051 | 13,928 | 17,803 | 20,657 |
| Bulk goods ... thous. of lbs | 8,578 | [3] 9,995 | 11,007 | 15,001 | 16,221 | 18,992 | 19,163 | 15,887 | 16,273 | 16,171 | 18,594 | 19,520 | 20,885 |
| Wholesale price, New York ... dolls. per case | 4.75 | 4.75 | 4.75 | 5.00 | 5.65 | 5.65 | 5.65 | 5.65 | 5.65 | 5.79 | 6.03 | 6.03 | 6.03 |
| Evaporated milk: | | | | | | | | | | | | | |
| Exports ... thous. of lbs | 4,240 | 3,610 | 3,659 | 4,466 | 5,892 | 5,024 | 5,114 | 5,311 | 5,034 | 3,775 | 5,269 | 4,546 | 4,366 |
| Manufacturers' stocks, end of month— | | | | | | | | | | | | | |
| Total case goods ... thous. of lbs | 139,844 | 129,802 | 136,408 | 181,745 | 275,931 | 275,280 | 230,739 | 177,754 | 150,931 | 136,896 | 157,152 | 202,070 | 211,828 |
| Wholesale price, New York ... dolls. per case | 3.00 | 3.00 | 3.00 | 3.00 | 3.10 | 3.30 | 3.30 | 3.50 | 3.50 | 3.50 | 3.75 | 3.80 | 3.80 |
| Fluid milk: | | | | | | | | | | | | | |
| Consumption in mfr. of oleomargarine ... thous. of lbs | ..... | 6,142 | 4,849 | 4,199 | 2,943 | 3,432 | 3,791 | 5,387 | 5,927 | 5,814 | 7,464 | 8,158 | 8,404 |
| Production, Minneapolis and St. Paul ... thous. of lbs | ..... | 25,224 | 21,751 | 24,012 | 27,436 | 33,978 | 36,244 | 32,654 | 36,245 | 33,026 | 34,333 | 30,310 | 25,685 |
| Receipts— | | | | | | | | | | | | | |
| Boston, including cream ... thous. of qts | ..... | 19,558 | 19,598 | 20,545 | 21,615 | 21,021 | 21,023 | 19,877 | 20,312 | 17,444 | 18,352 | 18,313 | 18,226 |
| Greater New York ... thous. of qts | ..... | ..... | 115,390 | 115,166 | 120,752 | 116,580 | 116,117 | 110,313 | 113,329 | 101,197 | 110,428 | 111,345 | 111,166 |
| Powdered milk: | | | | | | | | | | | | | |
| Exports ... thous. of lbs | 712 | 970 | 854 | 1,047 | 964 | 1,085 | 1,369 | 1,414 | 2,282 | 1,001 | 366 | 465 | 507 |
| Manufacturers' stocks, end of month ... thous. of lbs | 22,900 | [3] 23,572 | 26,711 | 35,922 | 38,216 | 42,628 | 43,148 | 40,502 | 41,363 | 41,744 | 41,122 | 38,976 | 36,318 |
| Net new orders ... thous. of lbs | 8,205 | [3] 9,914 | 14,331 | 11,062 | 11,816 | 11,109 | 11,047 | 12,145 | 10,606 | 9,492 | 10,253 | 8,945 | 8,733 |
| Production, condensed and evaporated milk ... thous. of lbs | ..... | 141,109 | 121,599 | 140,437 | 175,578 | 234,055 | 244,229 | 194,753 | 172,306 | 144,649 | 141,981 | 140,904 | 132,691 |
| Exports, condensed and evaporated milk ... thous. of lbs | 5,683 | 4,790 | 4,968 | 5,943 | 7,754 | 6,396 | 7,087 | 7,164 | 6,907 | 5,120 | 7,672 | 6,453 | 6,339 |
| **Fish** | | | | | | | | | | | | | |
| Canned salmon: | | | | | | | | | | | | | |
| Exports, Canada ... cases | 83,848 | 100,138 | 91,873 | 69,327 | 59,996 | 47,423 | 59,883 | 91,083 | 101,817 | 38,446 | 45,998 | 107,333 | 108,996 |
| Shipments, United States ... thous. of cases | ..... | 539 | 632 | 902 | 524 | 340 | 384 | 290 | 334 | 300 | 406 | 333 | 273 |
| Cold-storage holdings, 15th of month ... thous. of lbs | 74,667 | 73,018 | 68,083 | 57,518 | 48,350 | 39,700 | 31,283 | 28,095 | 38,567 | 56,560 | 71,817 | 85,323 | 91,872 |
| Total catch, principal ports ... thous. of lbs | 20,808 | 24,947 | 28,439 | 33,612 | 28,626 | 25,655 | 24,599 | 30,949 | 30,081 | 20,635 | 18,358 | 17,567 | 25,967 |
| **Fruits and Vegetables** | | | | | | | | | | | | | |
| Export value, fruits and preparations ... thous. of dolls | 11,563 | 16,181 | 9,162 | 8,041 | 7,587 | 5,692 | 6,549 | 6,446 | 10,717 | 8,946 | 10,682 | 15,082 | 17,536 |
| Apples: | | | | | | | | | | | | | |
| Car-lot shipment ... carloads | 14,339 | 30,137 | 12,597 | 1,869 | 3,155 | 1,214 | 2,005 | 3,081 | 5,700 | 7,115 | 7,806 | 8,085 | 17,454 |
| Cold-storage holdings, end of month ... thous. of bbls | 11,396 | 10,705 | [3] 2,143 | 81 | 62 | 137 | 577 | 1,509 | 2,917 | 5,224 | 7,439 | 9,575 | 10,860 |
| Production, crop estimate ... thous. of bu | [4] 211,506 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 155,982 | ..... |
| Citrus fruits, car-lot shipments ... carloads | 11,049 | 8,706 | 5,688 | 6,073 | 9,407 | 10,693 | 15,585 | 15,099 | 17,572 | 13,980 | 14,197 | 12,554 | 11,338 |
| Onions, car-lot shipments ... carloads | 2,304 | 4,014 | 3,776 | 2,258 | 1,657 | 2,122 | 3,703 | 2,377 | 2,540 | 2,610 | 3,454 | 2,254 | 2,753 |
| Potatoes, car-lot shipments ... carloads | 14,368 | 24,392 | 16,979 | 11,717 | 20,161 | 27,084 | 23,895 | 21,032 | 23,601 | 20,024 | 20,971 | 15,092 | 16,267 |
| Production, crop estimate ... thous. of bu | [4] 376,248 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 333,210 | ..... |
| **Grains** | | | | | | | | | | | | | |
| Total grain exports, including flour ... thous. of bu | 14,999 | 17,296 | 13,124 | 13,439 | 18,750 | 13,161 | 11,224 | 8,118 | 6,061 | 5,067 | 6,610 | 7,578 | 9,803 |
| BARLEY | | | | | | | | | | | | | |
| Exports ... thous. of bu | ..... | 768 | 717 | 1,014 | 678 | 807 | 896 | 776 | 745 | 921 | 732 | 1,047 | 964 |
| Price, No. 2, Minneapolis ... dolls. per bu | .51 | .50 | .50 | .45 | .42 | .39 | .45 | .48 | .44 | .44 | .44 | .47 | .48 |
| Production, crop estimate ... thous. of bu | [4] 198,965 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 304,601 | ..... |
| Receipts, principal markets ... thous. of bu | ..... | 5,406 | 5,152 | 5,088 | 1,801 | 2,193 | 2,523 | 2,446 | 2,484 | 2,246 | 2,511 | 3,569 | 4,207 |
| Visible supply, end of month ... thous. of bu | 4,963 | 4,770 | 4,138 | 4,089 | 3,449 | 4,126 | 4,626 | 5,662 | 7,840 | 9,583 | 10,731 | 11,401 | 11,854 |
| CORN | | | | | | | | | | | | | |
| Exports, including meal ... thous. of bu | 508 | 256 | 165 | 201 | 556 | 123 | 151 | 206 | 534 | 443 | 188 | 132 | 163 |
| Grindings (starch, glucose) ... thous. of bu | ..... | ..... | 5,912 | 4,665 | 5,168 | 5,738 | 5,580 | 5,492 | 5,441 | 5,575 | 5,990 | 5,241 | 5,434 |
| Prices: | | | | | | | | | | | | | |
| No. 3, yellow, Chicago ... dolls. per bu | .43 | .38 | .42 | .46 | .57 | .58 | .56 | .58 | .60 | .61 | .65 | .69 | .71 |
| No. 3, yellow, Kansas City ... dolls. per bu | .46 | .40 | .46 | .45 | .53 | .52 | .52 | .53 | .54 | .54 | .59 | .66 | .69 |
| No. 3, white, Chicago ... dolls. per bu | .43 | .39 | .44 | .49 | .58 | .59 | .56 | .58 | .60 | .63 | .68 | .73 | .76 |
| Production crop estimate ... thous. of bu | [4] 2,556,863 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 2,060,185 | ..... |
| Receipts ... thous. of bu | 11,741 | 14,414 | 8,447 | 11,320 | 16,152 | 13,417 | 11,381 | 17,102 | 18,567 | 21,278 | 19,320 | 27,367 | 17,067 |
| Shipments ... thous. of bu | 4,884 | 7,211 | 6,364 | 6,561 | 8,955 | 10,589 | 14,855 | 14,246 | 12,281 | 11,895 | 12,611 | 10,925 | 8,396 |
| Visible supply, end of mo ... thous. of bu | 10,079 | 7,364 | 5,592 | 8,271 | 8,536 | 7,785 | 12,286 | 19,676 | 21,998 | 20,110 | 17,562 | 16,993 | 7,411 |
| HAY | | | | | | | | | | | | | |
| Receipts ... number of cars | ..... | 5,094 | 3,959 | 5,001 | 3,495 | 3,052 | 3,777 | 4,198 | 4,519 | 4,279 | 5,214 | 4,057 | 4,863 |
| Production, crop estimate ... thous. of tons | [4] 64,233 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 63,463 | ..... |
| OATS | | | | | | | | | | | | | |
| Exports, including meal ... thous. of bu | 850 | 857 | 627 | 429 | 253 | 374 | 192 | 179 | 174 | 120 | 144 | 208 | 202 |
| Grindings, Canada ... thous. of bu | ..... | 1,506 | 1,166 | 836 | 938 | 770 | 785 | 822 | 844 | 940 | 997 | 1,126 | 1,085 |
| Price No. 3, white, Chicago ... dolls. per bu | .26 | .23 | .22 | .21 | .23 | .27 | .28 | .30 | .31 | .32 | .32 | .34 | .33 |
| Production, crop estimate ... thous. of bu | [4] 1,112,142 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | [5] 1,277,764 | ..... |
| Production, oatmeal, and rolled oats, Canada ... thous. of lbs | ..... | 20,088 | 15,960 | 10,239 | 12,963 | 11,098 | 10,525 | 9,871 | 10,243 | 11,895 | 13,320 | 14,360 | 14,605 |
| Receipts, principal markets ... thous. of bu | 4,532 | 7,090 | 7,398 | 12,903 | 5,749 | 4,748 | 5,294 | 7,604 | 6,843 | 7,123 | 6,121 | 6,021 | 6,075 |
| Visible supply, end of month ... thous. of bu | 17,863 | 18,605 | 17,468 | 15,577 | 7,785 | 7,654 | 9,892 | 13,837 | 19,103 | 22,947 | 26,650 | 30,504 | 30,641 |

[3] Revised. [4] As of Dec. 1. [5] Final estimate for 1930.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOODSTUFFS—Continued** | | | | | | | | | | | | | |
| RICE | | | | | | | | | | | | | |
| Exports ... pockets (100 lbs.) | 380,658 | 322,302 | 87,630 | 108,181 | 100,899 | 239,358 | 260,949 | 203,519 | 211,843 | 259,578 | 376,000 | 413,674 | 383,517 |
| Imports ... pockets (100 lbs.) | 11,859 | 9,397 | 3,756 | 4,475 | 5,443 | 10,009 | 50,472 | 38,748 | 41,223 | 37,821 | 41,891 | 27,504 | 29,294 |
| Production, crop estimate ... thous. of bu | [4] 45,014 | | | | | | | | | | | [5] 44,299 | |
| Shipments: | | | | | | | | | | | | | |
| Total from mills ... thous. of pockets (100 lbs.) | 1,216 | 1,396 | 875 | 427 | 404 | 601 | 617 | 780 | 864 | 933 | 1,119 | 1,003 | 1,208 |
| New Orleans ... pockets (100 lbs.) | 136,328 | 199,965 | 139,048 | 78,269 | 37,121 | 75,732 | 88,718 | 68,753 | 68,349 | 74,629 | 75,643 | 75,426 | 126,781 |
| Southern paddy, receipts at mills ... thous. of bbls | 1,408 | 1,810 | 1,455 | 382 | 172 | 323 | 520 | 566 | 599 | 864 | 1,147 | 844 | 1,257 |
| Stocks, end of month ... thous. of pockets (100 lbs.) | 2,051 | 1,805 | 1,305 | 683 | 848 | 1,051 | 1,293 | 1,388 | 1,561 | 1,790 | 1,793 | 1,678 | 1,776 |
| RYE | | | | | | | | | | | | | |
| Exports, including flour ... thous. of bu | 27 | 9 | 27 | 14 | 10 | 15 | 29 | 3 | 34 | 19 | 3 | 4 | 4 |
| Price No. 2, Minneapolis ... dolls. per bu | .51 | .41 | .39 | .38 | .37 | .37 | .36 | .35 | .36 | .37 | .38 | .44 | .43 |
| Production, crop estimate ... thous. of bu | [4] 32,746 | | | | | | | | | | | [5] 45,379 | |
| Receipts, principal markets ... thous. of bu | | 1,213 | 1,311 | 1,137 | 472 | 862 | 1,035 | 880 | 855 | 716 | 884 | 1,356 | 1,640 |
| Visible supply, end of month ... thous. of bu | | 9,186 | 8,922 | 8,267 | 8,687 | 8,730 | 8,540 | 9,262 | 10,440 | 11,110 | 11,911 | 12,644 | 13,316 |
| WHEAT | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | |
| Canada, including wheat flour ... thous. of bu | 29,594 | 21,436 | 16,843 | 14,258 | 14,107 | 22,988 | 31,687 | 6,148 | 15,521 | 12,165 | 11,373 | 24,939 | 34,782 |
| United States— | | | | | | | | | | | | | |
| Wheat only ... thous. of bu | 9,519 | 11,873 | 8,397 | 8,901 | 12,731 | 8,136 | 6,406 | 3,531 | 1,357 | 137 | 1,289 | 2,173 | 3,266 |
| Including wheat flour ... thous. of bu | 13,380 | 15,406 | 11,588 | 11,781 | 17,253 | 11,842 | 9,956 | 6,954 | 4,574 | 3,564 | 5,543 | 6,187 | 8,470 |
| Export value of wheat and flour ... thous. of dolls | 8,510 | 8,751 | 6,769 | 7,039 | 11,561 | 8,805 | 7,443 | 5,671 | 3,882 | 3,234 | 4,864 | 6,278 | 7,833 |
| Stocks, held by mills (quarterly) ... thous. of bu | | | [3] 139,002 | | | [3] 38,771 | | | [3] 81,841 | | | [3] 137,194 | |
| Prices: | | | | | | | | | | | | | |
| No. 1, northern spring, Minneapolis ... dolls. per bu | .80 | [3] .71 | .69 | .65 | .61 | .74 | .81 | .79 | .76 | .75 | .76 | .77 | .75 |
| No. 2, red winter, St. Louis ... dolls. per bu | .62 | .52 | .47 | .47 | .48 | .72 | .79 | .80 | .78 | .79 | .78 | .83 | .83 |
| No. 2, hard winter, Kansas City ... dolls. per bu | .59 | .48 | .43 | .43 | .44 | .68 | .73 | .73 | .70 | .69 | .69 | .71 | .69 |
| Production, crop estimate: | | | | | | | | | | | | | |
| Total ... thous. of bu | [4] 892,271 | | | | | | | | | | | [5] 858,160 | |
| Winter wheat ... thous. of bu | [4] 787,465 | | | | | | | | | | | [5] 601,840 | |
| Spring wheat ... thous. of bu | [4] 104,806 | | | | | | | | | | | [5] 256,320 | |
| Receipts ... thous. of bu | 26,405 | 32,658 | 38,877 | 61,463 | 104,047 | 29,656 | 30,863 | 21,230 | 30,833 | 30,672 | 29,496 | 21,549 | 24,597 |
| Shipments ... thous. of bu | 29,470 | 26,851 | 28,325 | 45,747 | 65,987 | 30,385 | 24,061 | 16,601 | 15,570 | 14,817 | 13,706 | 15,053 | 20,955 |
| Visible supply, end of month: | | | | | | | | | | | | | |
| Canada ... thous. of bu | 189,675 | 161,912 | 122,199 | 101,306 | 116,462 | 122,318 | 136,856 | 160,750 | 180,253 | 183,704 | 193,858 | 205,854 | 197,998 |
| United States ... thous. of bu | 230,147 | 231,049 | 239,431 | 242,846 | 217,526 | 190,702 | 197,563 | 199,561 | 207,138 | 201,862 | 197,219 | 195,716 | 202,475 |
| WHEAT FLOUR | | | | | | | | | | | | | |
| Consumption (computed) ... thous. of bbls | | 10,462 | 9,898 | 9,843 | 7,642 | 6,666 | 8,711 | 8,281 | 8,654 | 8,738 | 9,622 | 9,846 | 10,59 |
| Exports: | | | | | | | | | | | | | |
| Canada ... thous. of bbls | 476 | 558 | 557 | 522 | 467 | 490 | 481 | 326 | 561 | 415 | 392 | 602 | 792 |
| United States ... thous. of bbls | 858 | 785 | 709 | 640 | 1,005 | 824 | 789 | 761 | 715 | 762 | 945 | 892 | 1,156 |
| Grindings of wheat: | | | | | | | | | | | | | |
| Canada ... thous. of bu | | 7,565 | 6,772 | 5,992 | 5,932 | 5,033 | 5,304 | 4,719 | 5,169 | 4,607 | 4,834 | 5,226 | 7,789 |
| United States ... thous. of bu | | 47,473 | 44,569 | 44,412 | 45,362 | 35,893 | 36,946 | 39,127 | 40,137 | 37,939 | 42,529 | 41,307 | 42,428 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Standard patents, Minneapolis ... dolls. per bbl | 4.84 | 4.28 | 4.24 | 4.21 | 4.13 | 4.75 | 4.85 | 4.71 | 4.67 | 4.85 | 4.96 | 4.89 | 4.69 |
| Winter, straights, Kansas City ... dolls. per bbl | 3.03 | 3.10 | 2.96 | 2.96 | 3.16 | 4.12 | 4.14 | 4.02 | 4.00 | 4.06 | 4.09 | 4.03 | 4.14 |
| Production: | | | | | | | | | | | | | |
| Canada ... thous. of bbls | | 1,694 | 1,516 | 1,333 | 1,319 | 1,121 | 1,183 | 1,058 | 1,164 | 1,035 | 1,086 | 1,170 | 1,739 |
| United States— | | | | | | | | | | | | | |
| Actual (Census) ... thous. of bbls | | 10,401 | 9,735 | 9,658 | 9,852 | 7,763 | 8,015 | 8,494 | 8,724 | 8,242 | 9,232 | 8,973 | 9,184 |
| Prorated (Russells') ... thous. of bbls | | 11,112 | 10,611 | 10,614 | 9,847 | 7,981 | 8,739 | 9,134 | 9,275 | 8,750 | 9,937 | 9,888 | 10,403 |
| Capacity ... per cent | | 60 | 61 | 58 | 59 | 47 | 50 | 51 | 52 | 56 | 55 | 54 | 60 |
| Grain offal ... thous. of lbs | | 828,523 | 781,318 | 785,106 | 802,424 | 647,400 | 663,303 | 702,189 | 713,507 | 678,795 | 761,935 | 739,243 | 762,108 |
| Stocks: | | | | | | | | | | | | | |
| All positions (computed) end of month ... thous. of bbls | | 6,000 | 6,135 | 6,131 | 6,000 | 4,800 | 4,857 | 5,618 | 5,526 | 5,620 | 6,370 | 7,000 | 7,850 |
| Held by mills (quarterly) ... thous. of bbls | | | [3] 3,532 | | | [3] 2,830 | | | [3] 3,712 | | | [3] 4,016 | |
| MEATS | | | | | | | | | | | | | |
| Export value, meats and fats ... thous. of dolls | 6,020 | 7,145 | 6,321 | 6,386 | 6,821 | 7,074 | 7,791 | 8,477 | 10,082 | 10,576 | 12,204 | 9,819 | 11,039 |
| CATTLE AND BEEF | | | | | | | | | | | | | |
| Beef products: | | | | | | | | | | | | | |
| Apparent consumption ... thous. of lbs | 345,024 | [3] 448,863 | 404,928 | 432,312 | 416,822 | 404,731 | 424,672 | 421,252 | 379,405 | 335,603 | 384,754 | 397,741 | 331,945 |
| Cold-storage holdings, end of month ... thous. of lbs | 39,170 | [3] 34,407 | 35,171 | 39,050 | 41,055 | 45,548 | 49,448 | 53,150 | 61,111 | 67,622 | 72,398 | 75,285 | 73,392 |
| Exports ... thous. of lbs | 1,189 | 1,604 | 2,077 | 1,837 | 1,497 | 1,573 | 1,468 | 981 | 1,444 | 961 | 902 | 1,207 | 1,491 |
| Production, inspected ... thous. of lbs | 349,598 | 446,798 | 400,752 | 430,595 | 411,952 | 400,529 | 419,124 | 412,757 | 374,151 | 330,321 | 381,531 | 398,741 | 342,405 |
| Cattle movements, primary markets: | | | | | | | | | | | | | |
| Local slaughter ... thousands | 905 | 1,037 | 961 | 1,009 | 930 | 968 | 980 | 1,036 | 960 | 812 | 897 | 1,015 | 823 |
| Receipts ... thousands | 1,866 | 2,137 | 1,797 | 1,821 | 1,488 | 1,540 | 1,551 | 1,617 | 1,535 | 1,303 | 1,508 | 1,736 | 1,696 |
| Shipments, stocker and feeder ... thousands | 487 | 582 | 381 | 251 | 124 | 111 | 153 | 175 | 146 | 147 | 222 | 332 | 478 |
| Shipments, total ... thousands | 905 | 1,096 | 861 | 756 | 561 | 552 | 561 | 581 | 546 | 486 | 607 | 1,015 | 873 |
| Prices: | | | | | | | | | | | | | |
| Beef, fresh, carcass, good native steers, Chicago ... dolls. per lb | .164 | .156 | .148 | .144 | .129 | .129 | .143 | .160 | .169 | .178 | .195 | .195 | .195 |
| Beef, fresh, carcass, steers, New York ... dolls. per lb | .175 | .173 | .165 | .158 | .145 | .145 | .155 | .172 | .180 | .196 | .205 | .205 | .205 |
| Cattle, corn fed, Chicago ... dolls. per 100 lbs | 10.20 | 9.25 | 8.66 | 8.62 | 7.25 | 7.32 | 7.68 | 8.56 | 9.08 | 9.11 | 10.00 | 10.58 | 10.31 |

[1] Revised. [2] Quarter ended in month indicated. [4] As of Dec. 1. [5] Final estimate for 1930.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOODSTUFFS—Continued** | | | | | | | | | | | | | |
| HOGS AND PORK | | | | | | | | | | | | | |
| Hog movements, primary markets: | | | | | | | | | | | | | |
| Local slaughter ... thousands | 2,297 | 2,155 | 1,663 | 1,398 | 1,474 | 1,773 | 1,841 | 1,983 | 1,962 | 2,293 | 2,907 | 2,460 | 2,169 |
| Receipts ... thousands | 3,752 | 3,462 | 2,727 | 2,454 | 2,511 | 2,854 | 2,938 | 3,067 | 3,207 | 3,704 | 4,652 | 4,002 | 3,439 |
| Shipments, stocker and feeder ... thousands | 62 | 72 | 55 | 49 | 37 | 36 | 33 | 36 | 31 | 37 | 45 | 41 | 37 |
| Shipments, total ... thousands | 1,427 | 1,311 | 1,062 | 1,045 | 1,039 | 1,072 | 1,099 | 1,088 | 1,234 | 1,417 | 1,739 | 1,542 | 1,269 |
| Lard (included in pork products): | | | | | | | | | | | | | |
| Cold-storage holdings, end of month ... thous. of lbs | 33,915 | [1] 39,766 | 69,296 | 96,047 | 121,926 | 115,561 | 103,366 | 95,693 | 78,249 | 74,977 | 62,624 | 51,434 | 31,582 |
| Exports ... thous. of lbs | 35,205 | 43,547 | 37,790 | 34,510 | 33,824 | 37,786 | 39,623 | 44,769 | 58,395 | 68,760 | 68,882 | 45,114 | 42,552 |
| Production ... thous. of lbs | 125,859 | 116,124 | 97,114 | 91,680 | 109,265 | 123,263 | 126,323 | 129,090 | 127,516 | 147,632 | 186,062 | 150,538 | 119,355 |
| Pork production: | | | | | | | | | | | | | |
| Apparent consumption ... thous. of lbs | 623,230 | [1] 679,011 | 601,392 | 552,387 | 540,228 | 585,146 | 581,110 | 523,963 | 563,934 | 508,890 | 663,947 | 608,323 | 553,479 |
| Cold-storage holdings, end of month— | | | | | | | | | | | | | |
| Total ... thous. of lbs | 428,178 | [1] 420,661 | 544,183 | 691,110 | 833,737 | 890,212 | 931,117 | 963,217 | 921,920 | 928,385 | 788,888 | 572,626 | 443,286 |
| Fresh and cured ... thous. of lbs | 394,263 | [1] 380,895 | 474,887 | 595,063 | 711,811 | 774,651 | 827,751 | 867,524 | 843,671 | 853,408 | 726,264 | 521,192 | 411,704 |
| Exports— | | | | | | | | | | | | | |
| Total ... thous. of lbs | 48,224 | 56,134 | 48,550 | 48,032 | 49,193 | 53,226 | 55,557 | 59,406 | 73,610 | 83,470 | 86,902 | 61,134 | 62,325 |
| Other products than lard ... thous. of lbs | 13,019 | 12,587 | 10,760 | 13,522 | 15,369 | 15,440 | 15,934 | 14,637 | 15,215 | 14,710 | 18,020 | 16,020 | 19,773 |
| Production, inspected ... thous. of lbs | 678,452 | 611,171 | 502,673 | 457,105 | 532,757 | 597,185 | 604,427 | 624,301 | 630,661 | 731,633 | 962,175 | 798,311 | 665,665 |
| Prices: | | | | | | | | | | | | | |
| Hams, smoked, Chicago ... dolls. per lb | .172 | .182 | .186 | .185 | .173 | .174 | .182 | .184 | .187 | .195 | .207 | .213 | .222 |
| Hogs, heavy, Chicago ... dolls. per 100 lbs | 4.64 | 5.41 | 5.71 | 6.35 | 6.24 | 6.39 | 6.40 | 7.08 | 7.18 | 6.73 | 7.34 | 7.94 | 8.86 |
| Lard, prime contract, New York ... dolls. per lb | .071 | .080 | .075 | .075 | .082 | .083 | .082 | .090 | .094 | .085 | .090 | .100 | .112 |
| SHEEP AND LAMBS | | | | | | | | | | | | | |
| Lamb and mutton: | | | | | | | | | | | | | |
| Apparent consumption ... thous. of lbs | 56,533 | [1] 66,436 | 60,792 | 58,351 | 54,679 | 55,333 | 54,604 | 59,095 | 54,949 | 50,967 | 58,195 | 56,348 | 50,890 |
| Cold-storage holdings, end of month ... thous. of lbs | 1,967 | [1] 1,975 | 1,908 | 1,975 | 1,892 | 2,685 | 2,371 | 2,529 | 3,063 | 3,573 | 4,081 | 4,677 | 4,628 |
| Production, inspected ... thous. of lbs | 56,545 | 66,546 | 60,754 | 58,466 | 53,947 | 55,678 | 54,433 | 58,579 | 54,486 | 50,511 | 57,642 | 56,453 | 51,236 |
| Prices— | | | | | | | | | | | | | |
| Sheep, ewes, Chicago ... dolls. per 100 lbs | 2.00 | 1.63 | 1.63 | 1.98 | 2.56 | 1.55 | 2.44 | 3.29 | 3.79 | 3.69 | 3.44 | 2.93 | 3.38 |
| Sheep, lambs, Chicago ... dolls. per 100 lbs | 4.98 | 5.70 | 5.94 | 5.95 | 6.06 | 6.98 | 8.36 | 8.76 | 8.27 | 8.31 | 7.98 | 7.40 | 7.13 |
| Sheep movements, primary markets: | | | | | | | | | | | | | |
| Local slaughter ... thousands | 1,281 | 1,500 | 1,461 | 1,474 | 1,342 | 1,384 | 1,464 | 1,410 | 1,157 | 1,056 | 1,201 | 1,230 | 1,079 |
| Receipts ... thousands | 2,811 | 3,956 | 3,900 | 3,270 | 2,535 | 2,587 | 2,810 | 2,713 | 2,119 | 1,964 | 2,175 | 2,307 | 2,607 |
| Shipments, stocker and feeder ... thousands | 655 | 1,181 | 1,104 | 718 | 243 | 289 | 176 | 189 | 103 | 105 | 184 | 282 | 761 |
| Shipments, total ... thousands | 1,520 | 2,468 | 2,455 | 1,734 | 1,190 | 1,214 | 1,353 | 1,304 | 948 | 908 | 979 | 1,081 | [1] 1,535 |
| Miscellaneous meats: | | | | | | | | | | | | | |
| Cold-storage holdings, end of month ... thous. of lbs | 50,670 | [1] 48,744 | 56,881 | 66,334 | 69,026 | 75,469 | 79,331 | 81,359 | 85,678 | 92,744 | 93,747 | 84,169 | 75,818 |
| Total meats: | | | | | | | | | | | | | |
| Apparent consumption ... mills. of lbs | 1,025 | [1] 1,194 | 1,067 | 1,043 | 1,012 | 1,045 | 1,060 | 1,004 | 998 | 895 | 1,107 | 1,062 | 936 |
| Cold-storage holdings, end of month ... mills. of lbs | 520 | [1] 506 | 638 | 798 | 946 | 1,014 | 1,062 | 1,100 | 1,072 | 1,092 | 959 | 737 | 597 |
| Production ... mills. of lbs | 1,085 | 1,125 | 964 | 946 | 999 | 1,053 | 1,078 | 1,096 | 1,059 | 1,112 | 1,401 | 1,254 | 1,059 |
| POULTRY | | | | | | | | | | | | | |
| Cold-storage holdings, end of month ... thous. of lbs | 89,978 | [1] 65,668 | 56,215 | 43,056 | 36,438 | 32,762 | 35,348 | 45,920 | 69,986 | 95,188 | 101,307 | 104,913 | 82,925 |
| Receipts at 5 markets ... thous. of lbs | 64,731 | 30,377 | 32,409 | 28,655 | 24,871 | 22,164 | 17,252 | 17,443 | 20,600 | 26,008 | 34,472 | 73,314 | 67,361 |
| **Prices** | | | | | | | | | | | | | |
| Retail food (Dept. of Labor) ... rel. to 1913 | 117 | 119 | 119 | 120 | 119 | 118 | 121 | 124 | 126 | 127 | 133 | 137 | 141 |
| Wholesale food ... rel. to 1926 | 70.9 | 72.6 | 72.9 | 73.7 | 73.1 | 72.4 | 72.9 | 75.6 | 76.7 | 77.1 | 80.1 | 81.8 | 85.7 |
| **Sugar** | | | | | | | | | | | | | |
| Cuban movement (raw): | | | | | | | | | | | | | |
| Exports ... long tons | 146,102 | 134,336 | 160,992 | 215,110 | 203,030 | 148,624 | 137,205 | 94,865 | 134,928 | 168,450 | 86,518 | 231,039 | 413,406 |
| Receipts at Cuban ports ... long tons | 101,278 | 97,725 | 109,613 | 126,016 | 119,664 | 93,548 | 118,514 | 238,872 | 546,538 | 429,576 | 105,726 | 150,277 | 213,688 |
| Stocks, end of month ... thous. of long tons | 623 | 666 | 702 | 754 | 843 | 930 | 982 | 1,007 | 844 | 461 | 80 | 669 | 764 |
| Prices: | | | | | | | | | | | | | |
| Retail coverage, 51 cities ... rel. to 1913 | 102 | 102 | 104 | 104 | 102 | 102 | 102 | 104 | 106 | 107 | 107 | 107 | 107 |
| Retail granulated, New York ... dolls. per lb | .052 | .052 | .052 | .053 | .051 | .050 | .050 | .050 | .051 | .053 | .053 | .053 | .053 |
| Wholesale, granulated, New York ... dolls. per lb | .044 | .045 | .045 | .046 | .046 | .044 | .043 | .044 | .043 | .045 | .046 | .046 | .047 |
| Raw: | | | | | | | | | | | | | |
| Imports— | | | | | | | | | | | | | |
| From Hawaii and Porto Rico ... long tons | 53,741 | 82,062 | 126,970 | 135,228 | 148,636 | 143,382 | 161,260 | 135,457 | 150,951 | 151,980 | 81,700 | 5,590 | 50,977 |
| From foreign countries ... long tons | 135,308 | 186,928 | 202,564 | 397,042 | 324,848 | 239,085 | 151,815 | 279,578 | 364,493 | 212,453 | 122,071 | 306,500 | 293,455 |
| Meltings, 8 ports ... long tons | 231,746 | 328,310 | 414,066 | 376,715 | 469,609 | 383,157 | 332,556 | 403,337 | 351,169 | 290,337 | 258,585 | 207,006 | 337,360 |
| Stocks at refineries, end of month ... long tons | 187,552 | 245,694 | 321,815 | 429,229 | 367,252 | 400,567 | 463,730 | 445,535 | 420,650 | 329,324 | 293,938 | 305,208 | 321,980 |
| Refined: | | | | | | | | | | | | | |
| Exports, including maple ... long tons | 3,598 | 4,304 | 4,365 | 3,896 | 3,952 | 4,329 | 3,338 | 5,332 | 4,612 | 3,085 | 3,572 | 4,723 | 6,576 |
| Shipments, 2 ports ... long tons | 41,538 | 48,208 | 60,502 | 76,412 | 98,879 | 78,583 | 57,670 | 65,633 | 49,077 | 54,570 | 42,717 | 33,645 | 59,916 |
| Stocks, 2 ports ... long tons | 34,486 | 33,047 | 41,171 | 37,116 | 36,481 | 35,030 | 32,632 | 43,880 | 54,665 | 29,070 | 34,019 | 42,555 | 37,759 |
| **Tea** | | | | | | | | | | | | | |
| Imports ... thous. of lbs | 7,813 | 10,271 | 8,568 | 7,977 | 6,578 | 6,953 | 4,135 | 6,184 | 7,995 | 5,223 | 7,289 | 8,029 | 7,565 |
| Price, Formosa, fine, New York ... dolls. per lb | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 | .225 |

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOREST PRODUCTS** | | | | | | | | | | | | | |
| **Lumber** | | | | | | | | | | | | | |
| ALL TYPES | | | | | | | | | | | | | |
| Exports ... M ft. b. m. | 77,877 | 85,234 | 89,502 | 99,633 | 120,354 | 120,501 | 143,558 | 135,771 | 73,818 | 67,792 | 114,557 | 128,424 | 110,855 |
| New orders ... rel. to 1923-1925 | | [1] 29.2 | 31.3 | 33.4 | 35.2 | 47.7 | 35.6 | 41.5 | 40.3 | 35.7 | 36.7 | 33.8 | 36.8 |
| Prices, wholesale, composite ... rel. to 1926 | 64.2 | 64.5 | 65.5 | 66.0 | 66.3 | 67.8 | 68.4 | 73.3 | 74.2 | 73.2 | 76.0 | 78.1 | 80.1 |
| Production index (elect. energy consumed) ... rel. to 1923-1925 | 76.4 | 82.2 | 82.2 | 79.4 | 76.9 | 86.3 | 97.2 | 91.5 | 93.2 | 84.2 | 82.6 | 73.3 | 86.5 |
| Stocks, end of month ... rel. to 1923-1925 | 104.5 | [1] 98.9 | [1] 104.4 | [1] 103.8 | [1] 103.4 | [1] 100.4 | [1] 105.5 | [1] 104.3 | [1] 105.9 | [1] 108.2 | [1] 110.3 | [1] 116.5 | [1] 117.2 |
| Unfilled orders, end of month ... rel. to 1923-1925 | | [1] 24.2 | 29.0 | 33.7 | 38.2 | 51.4 | 48.1 | 49.2 | 48.8 | 47.7 | 46.8 | 44.7 | 42.6 |
| RETAIL MOVEMENT | | | | | | | | | | | | | |
| Retail yards, 9th Fed. Res. Dist.: | | | | | | | | | | | | | |
| Sales ... M ft. b. m. | | 9,255 | 8,314 | 9,457 | 8,513 | 10,084 | 8,451 | 7,767 | 5,236 | 3,494 | 3,563 | 4,145 | 9,028 |
| Stocks, end of month ... M ft. b. m. | | 68,318 | 73,002 | 76,554 | 78,274 | 79,017 | 80,051 | 80,816 | 81,158 | 80,251 | 76,552 | 70,531 | 71,025 |
| Retail yards, 10th Fed. Res. Dist.: | | | | | | | | | | | | | |
| Sales ... M ft. b. m. | 2,599 | 3,481 | 3,249 | 3,280 | 3,745 | 3,432 | 3,421 | 3,368 | 3,389 | 2,641 | 2,878 | 2,530 | 3,940 |
| Stocks, end of month ... M ft. b. m. | 34,718 | 35,207 | 36,245 | 36,966 | 37,279 | 37,718 | 38,816 | 39,534 | 39,657 | 38,628 | 37,839 | 37,739 | 38,108 |
| FLOORING | | | | | | | | | | | | | |
| Maple: | | | | | | | | | | | | | |
| New orders ... M ft. b. m. | 3,368 | 2,760 | 2,783 | 3,312 | 3,712 | 4,245 | 3,327 | 3,679 | 3,131 | 3,455 | 3,584 | 1,905 | 2,798 |
| Production ... M ft. b. m. | 2,797 | 2,812 | 3,134 | 2,973 | 2,737 | 3,116 | 2,629 | 3,326 | 3,760 | 3,179 | 3,452 | 3,045 | 2,759 |
| Shipments ... M ft. b. m. | 2,481 | 2,703 | 3,144 | 3,397 | 3,447 | 3,778 | 3,315 | 3,226 | 3,017 | 2,676 | 2,351 | 1,811 | 2,554 |
| Stocks, end of month ... M ft. b. m. | 20,216 | 20,042 | 20,189 | 21,130 | 21,321 | 21,821 | 23,467 | 24,191 | 26,193 | 25,835 | 25,578 | 24,271 | 23,353 |
| Unfilled orders, end of month ... M ft. b. m. | 4,851 | 3,778 | 3,775 | 4,183 | 4,772 | 4,955 | 4,604 | 5,312 | 5,180 | 5,248 | 4,664 | 3,491 | 3,204 |
| Oak: | | | | | | | | | | | | | |
| New orders ... M ft. b. m. | 13,526 | 15,973 | 16,928 | 18,631 | 26,390 | 21,065 | 24,710 | 28,575 | 31,407 | 24,771 | 21,116 | 21,010 | 14,170 |
| Production ... M ft. b. m. | 15,744 | 19,299 | 22,425 | 21,736 | 24,120 | 20,984 | 24,505 | 25,147 | 23,643 | 19,548 | 17,686 | 15,738 | 16,231 |
| Shipments ... M ft. b. m. | 13,907 | 18,203 | 19,486 | 21,464 | 25,691 | 23,131 | 27,745 | 28,155 | 26,243 | 21,713 | 18,365 | 17,152 | 15,844 |
| Stocks, end of month ... M ft. b. m. | 68,293 | 67,103 | 65,696 | 65,004 | 64,798 | 67,619 | 76,753 | 76,783 | 78,305 | 80,943 | 82,487 | 83,420 | 91,598 |
| Unfilled orders, end of month ... M ft. b. m. | 14,334 | 15,589 | 17,590 | 18,194 | 21,204 | 30,176 | 30,235 | 34,095 | 36,326 | 32,719 | 30,241 | 29,353 | 29,790 |
| HARDWOODS | | | | | | | | | | | | | |
| All hardwoods: | | | | | | | | | | | | | |
| New orders ... mill. ft. b. m. | | 131 | 131 | 131 | 139 | 176 | 158 | 154 | 173 | 188 | 169 | 125 | 133 |
| Production ... mill. ft. b. m. | | 105 | 105 | 101 | 109 | 143 | 146 | 146 | 165 | 158 | 143 | 134 | 143 |
| Shipments ... mill. ft. b. m. | | 135 | 131 | 143 | 139 | 161 | 169 | 161 | 176 | 165 | 158 | 125 | 148 |
| Stocks, end of month— | | | | | | | | | | | | | |
| Total ... mill. ft. b. m. | | 2,915 | 2,960 | 3,020 | 3,065 | 3,126 | 3,149 | 3,175 | 3,205 | 3,249 | 3,308 | 3,319 | 3,273 |
| Unsold ... mill. ft. b. m. | | 2,542 | 2,559 | 2,645 | 2,662 | 2,707 | 2,718 | 2,713 | 2,731 | 2,769 | 2,851 | 2,863 | 2,821 |
| Unfilled orders, end of month ... mill. ft. b. m. | | 374 | 387 | 375 | 402 | 419 | 431 | 463 | 473 | 481 | 456 | 456 | 452 |
| Gum: | | | | | | | | | | | | | |
| Stocks, end of month— | | | | | | | | | | | | | |
| Total ... mill. ft. b. m. | | 607 | 615 | 634 | 653 | 683 | 686 | 694 | 703 | 713 | 726 | 611 | 610 |
| Unsold ... mill. ft. b. m. | | 516 | 518 | 542 | 551 | 575 | 586 | 593 | 598 | 601 | 607 | 511 | 509 |
| Unfilled orders, end of month ... mill. ft. b. m. | | 91 | 98 | 92 | 102 | 108 | 100 | 101 | 106 | 112 | 118 | 100 | 102 |
| Northern hardwoods: | | | | | | | | | | | | | |
| Production ... M ft. b. m. | | 2,617 | 3,210 | 5,864 | 6,173 | 11,878 | 10,820 | 12,767 | 17,878 | 17,252 | 14,178 | 8,147 | 4,382 |
| Shipments ... M ft. b. m. | | 15,378 | 14,907 | 13,445 | 9,846 | 11,690 | 10,330 | 12,806 | 12,631 | 12,330 | 10,854 | 8,021 | 9,374 |
| Oak: | | | | | | | | | | | | | |
| Stocks, end of month— | | | | | | | | | | | | | |
| Total ... mill. ft. b. m. | | 827 | 840 | 853 | 864 | 890 | 914 | 935 | 966 | 990 | 1,017 | 1,029 | 1,022 |
| Unsold ... mill. ft. b. m. | | 742 | 761 | 783 | 783 | 803 | 809 | 814 | 844 | 861 | 918 | 935 | 928 |
| Unfilled orders, end of month ... mill. ft. b. m. | | 85 | 79 | 70 | 81 | 88 | 105 | 120 | 122 | 129 | 99 | 95 | 95 |
| Walnut logs: | | | | | | | | | | | | | |
| Made into lumber and veneer ... M ft. log measure | 900 | 1,145 | 925 | 709 | 523 | 958 | 1,135 | 925 | 816 | 829 | 895 | 1,146 | 1,340 |
| Purchases ... M ft. log measure | 878 | 1,104 | 1,113 | 776 | 666 | 674 | 828 | 719 | 699 | 874 | 1,179 | 1,204 | 1,460 |
| Stocks, end of month ... M ft. log measure | 623 | 666 | 707 | 510 | 442 | 293 | 519 | 845 | 1,050 | 1,172 | 1,136 | 777 | 791 |
| Walnut lumber: | | | | | | | | | | | | | |
| New orders ... M ft. b. m. | 1,148 | 1,463 | 1,861 | 1,252 | 1,574 | 996 | 1,151 | 1,393 | 2,094 | 1,471 | 1,152 | 1,203 | 1,343 |
| Production ... M ft. b. m. | 1,110 | 1,405 | 1,037 | 887 | 624 | 1,075 | 1,382 | 1,141 | 875 | 804 | 642 | 1,184 | 1,444 |
| Shipments ... M ft. b. m. | 1,121 | 1,720 | 1,786 | 1,472 | 1,853 | 1,223 | 1,277 | 1,506 | 1,942 | 1,363 | 1,064 | 1,187 | 1,470 |
| Stocks, end of month ... M ft. b. m. | 12,745 | 12,825 | 13,176 | 13,926 | 14,543 | 15,837 | 15,990 | 15,893 | 16,265 | 17,236 | 18,295 | 17,670 | 18,731 |
| Unfilled orders, end of month ... M ft. b. m. | 2,101 | 2,173 | 2,934 | 2,821 | 2,981 | 2,918 | 3,151 | 3,279 | 3,522 | 3,314 | 3,211 | 3,118 | 3,393 |
| SOFTWOOD | | | | | | | | | | | | | |
| California redwood: | | | | | | | | | | | | | |
| New orders (computed) ... M ft. b. m. | 16,383 | 18,636 | 16,007 | 15,386 | 16,576 | 19,321 | 19,220 | 22,480 | 24,485 | 20,695 | 25,928 | 17,857 | 21,485 |
| Production (computed) ... M ft. b. m. | 14,436 | 15,931 | 14,760 | 16,270 | 14,717 | 16,429 | 17,616 | 18,761 | 21,795 | 23,836 | 26,998 | 23,048 | 25,900 |
| Shipments (computed) ... M ft. b. m. | 15,333 | 17,055 | 15,734 | 17,323 | 18,131 | 18,253 | 21,568 | 21,898 | 24,852 | 23,555 | 21,410 | 20,307 | 20,549 |
| Unfilled orders, end of month (computed) ... M ft. b. m. | 21,229 | 20,485 | 17,585 | 17,380 | 19,331 | 20,376 | 20,237 | 22,290 | 22,726 | 23,613 | 28,725 | 22,766 | 24,514 |
| Douglas fir: | | | | | | | | | | | | | |
| Exports— | | | | | | | | | | | | | |
| Lumber ... M ft. b. m. | 29,549 | 36,714 | 38,787 | 45,308 | 53,088 | 47,766 | 69,043 | 63,159 | 15,211 | 14,951 | 38,251 | 53,718 | 42,364 |
| Timber ... M ft. b. m. | 19,019 | 21,874 | 18,020 | 25,155 | 18,186 | 35,718 | 55,586 | 37,573 | 19,964 | 14,978 | 16,081 | 12,859 | 9,151 |
| New orders ... M ft. b. m. | 135,637 | 151,305 | 158,915 | 188,460 | 181,297 | 191,146 | 188,907 | 224,272 | 217,109 | 189,355 | 191,593 | 189,355 | 186,222 |
| Price wholesale— | | | | | | | | | | | | | |
| No. 1 common ... dolls. per M ft. b. m. | 11.23 | 11.21 | 11.27 | 10.97 | 10.64 | 11.25 | 11.64 | 12.12 | 12.68 | 12.86 | 12.82 | 12.99 | 13.25 |
| Flooring, 1 x 4 "B" and better, V. G ... dolls. per M ft. b. m. | 24.35 | 25.63 | 25.48 | 25.29 | 25.76 | 25.98 | 28.33 | 29.74 | 31.14 | 31.65 | 31.33 | 31.73 | 33.40 |
| Production ... M ft. b. m. | 115,941 | 149,962 | 155,334 | 171,897 | 149,067 | 199,651 | 206,813 | 201,889 | 186,222 | 179,059 | 160,258 | 167,420 | 191,593 |
| Shipments ... M ft. b. m. | 126,684 | 162,049 | 166,525 | 175,030 | 173,240 | 197,413 | 221,586 | 200,099 | 195,622 | 186,669 | 178,164 | 174,583 | 179,954 |
| Unfilled orders, end of month ... M ft. b. m. | 105,197 | 81,472 | 125,341 | 111,017 | 165,630 | 162,944 | 135,637 | 215,766 | 196,517 | 181,745 | 182,640 | 188,012 | 176,373 |
| North Carolina pine: | | | | | | | | | | | | | |
| Production (computed) ... M ft. b. m. | 26,670 | 27,370 | 24,640 | 24,276 | 27,013 | 30,338 | 30,233 | 31,241 | 27,489 | 24,318 | 24,129 | 28,350 | 28,140 |
| Shipments (computed) ... M ft. b. m. | 35,350 | 33,110 | 33,320 | 32,375 | 30,408 | 34,293 | 31,780 | 34,454 | 33,250 | 32,417 | 32,844 | 30,317 | 34,300 |
| Northern hemlock: | | | | | | | | | | | | | |
| Production ... M ft. b. m. | | 3,928 | 4,804 | 9,991 | 10,128 | 10,013 | 9,893 | 8,616 | 6,583 | 6,085 | 6,526 | 5,812 | 4,046 |
| Shipments ... M ft. b. m. | | 7,811 | 7,531 | 7,864 | 8,640 | 9,554 | 7,894 | 7,437 | 5,432 | 5,508 | 6,094 | 4,955 | 6,596 |

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOREST PRODUCTS—Continued** | | | | | | | | | | | | | |
| **Lumber—Continued** | | | | | | | | | | | | | |
| SOFTWOOD—Continued | | | | | | | | | | | | | |
| Southern yellow pine: | | | | | | | | | | | | | |
| Exports— | | | | | | | | | | | | | |
| Lumber.....M ft. b. m.. | 18,425 | 20,895 | 18,936 | 21,956 | 29,925 | 30,278 | 34,067 | 32,544 | 22,478 | 21,309 | 33,509 | 35,873 | 28,113 |
| Timber.....M ft. b. m.. | 4,056 | 5,017 | 5,663 | 7,888 | 8,745 | 12,535 | 5,827 | 10,256 | 6,261 | 4,935 | 8,163 | 9,029 | 11,895 |
| New orders.....M ft. b. m.. | 111,307 | 134,757 | 138,204 | 151,484 | 146,860 | 140,322 | 157,920 | 169,015 | 174,020 | 170,709 | 190,985 | 146,465 | 177,327 |
| Price flooring.....dolls. per M ft. b. m.. | 26.31 | 26.49 | 27.21 | 27.78 | 27.82 | 28.15 | 28.82 | 28.32 | 29.66 | 28.42 | 30.73 | 32.51 | 33.44 |
| Price index.....rel. to 1926.. | ..... | 58.7 | 60.3 | 61.4 | 61.7 | 62.4 | 63.9 | 68.2 | 65.8 | 63.0 | 68.1 | 72.1 | 74.1 |
| Production.....M ft. b. m.. | 110,803 | 117,241 | 116,511 | 119,828 | 121,994 | 126,739 | 148,048 | 165,325 | 164,929 | 153,831 | 165,065 | 157,143 | 184,712 |
| Shipments.....M ft. b. m.. | 108,668 | 142,254 | 142,170 | 155,511 | 151,488 | 138,663 | 165,004 | 180,306 | 175,742 | 163,926 | 182,679 | 145,110 | 176,110 |
| Unfilled orders.....M ft. b. m.. | 62,013 | 58,464 | 74,235 | 82,551 | 83,013 | 83,475 | 83,958 | 104,307 | 121,401 | 106,932 | 116,193 | 99,036 | 105,021 |
| Western pine: | | | | | | | | | | | | | |
| New orders.....mill. ft. b. m.. | ..... | ..... | ..... | 127 | 128 | 114 | 107 | 141 | 109 | 112 | 87 | 111 | 97 |
| Production.....mill. ft. b. m.. | ..... | ..... | ..... | 125 | 137 | 156 | 135 | 141 | 112 | 66 | 63 | 85 | 98 |
| Shipments.....mill. ft. b. m.. | ..... | ..... | ..... | 125 | 119 | 125 | 122 | 125 | 120 | 107 | 107 | 108 | 114 |
| Stocks, end of month.....mill. ft. b. m.. | ..... | ..... | ..... | 1,225 | 1,245 | 1,230 | 1,204 | 1,196 | 1,174 | 1,174 | 1,218 | 1,262 | 1,284 |
| VENEER | | | | | | | | | | | | | |
| Rotary-cut veneer: | | | | | | | | | | | | | |
| Receipts.....no. of carloads.. | ..... | ..... | ..... | 85 | 78 | 99 | 79 | 83 | 105 | 118 | 101 | 111 | 106 |
| Purchases.....no. of carloads.. | ..... | ..... | ..... | 64 | 92 | 99 | 54 | 59 | 82 | 118 | 138 | 112 | 97 |
| **Furniture** | | | | | | | | | | | | | |
| Household furniture and case goods: | | | | | | | | | | | | | |
| Grand Rapids district— | | | | | | | | | | | | | |
| Cancellations....per cent new orders.. | ..... | 8.5 | 8.0 | 7.0 | 6.5 | 4.5 | 13.0 | 8.0 | 12.0 | 6.0 | 7.0 | 16.0 | 7.0 |
| New orders.....no. days' production.. | ..... | 14 | 16 | 15 | 13 | 27 | 9 | 13 | 14 | 13 | 16 | 15 | 22 |
| Outstanding accounts, end of month.....no. days' sales.. | ..... | 38 | 39 | 36 | 32 | 32 | 31 | 33 | 34 | 35 | 42 | 43 | 48 |
| Plant operations....per cent full time.. | ..... | 83.0 | 72.0 | 73.0 | 80.0 | 74.0 | 70.0 | 67.0 | 64.0 | 63.0 | 68.0 | 71.0 | 81.0 |
| Shipments.....no. days' production.. | ..... | 17 | 19 | 16 | 14 | 12 | 11 | 13 | 13 | 13 | 14 | 17 | 18 |
| Unfilled orders, end of month.no. days' production.. | ..... | 11 | 15 | 20 | 22 | 23 | 11 | 15 | 15 | 17 | 18 | 17 | 22 |
| Southeastern district— | | | | | | | | | | | | | |
| Shipments.....dolls., av. per firm.. | ..... | 64,122 | 66,042 | 59,223 | 55,063 | 43,077 | 46,431 | 52,390 | 62,382 | 50,858 | 36,692 | 29,051 | 43,975 |
| Unfilled orders, end of month.....dolls., av. per firm.. | ..... | 22,100 | 42,180 | 47,706 | 47,997 | 56,865 | 19,338 | 28,248 | 29,798 | 34,160 | 31,781 | 14,400 | 19,917 |
| Steel furniture. (See under steel manufactured products.) | | | | | | | | | | | | | |
| Wholesale prices: | | | | | | | | | | | | | |
| Beds.....rel. to 1926.. | 73.1 | 73.1 | 80.4 | 82.9 | 85.2 | 85.2 | 86.8 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.7 |
| Dining-room chairs, sets of six.rel. to 1926.. | 91.0 | 91.0 | 92.1 | 92.1 | 92.1 | 93.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| Kitchen cabinets.....rel. to 1926.. | 100.1 | 100.1 | 100.1 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 | 102.9 |
| Living-room davenports.....rel. to 1926.. | 82.0 | 82.0 | 84.2 | 88.2 | 88.6 | 89.8 | 89.8 | 93.2 | 93.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| **LEATHER AND LEATHER PRODUCTS** | | | | | | | | | | | | | |
| Prices, wholesale, composite, leather.....rel. to 1926.. | 78.8 | 80.7 | 83.4 | 90.3 | 89.8 | 87.8 | 88.1 | 88.4 | 88.4 | 89.0 | 90.8 | 91.5 | 93.3 |
| Production index (Fed. Res. Bd.) rel. to 1923–25.. | 82 | [2] 82 | 97 | 104 | 101 | 100 | 107 | 102 | 92 | 87 | 78 | 81 | 81 |
| Production index (elec. energy consumed) rel. to 1923–25.. | 75.2 | 81.8 | 81.9 | 77.1 | 83.8 | 85.4 | 81.0 | 83.9 | 71.2 | 76.1 | 71.6 | 68.7 | 63.0 |
| Stocks, end of month.....rel. to 1923–25.. | 82.6 | [2] 80.4 | 80.1 | 77.4 | 77.6 | 78.2 | 79.5 | 80.3 | 81.2 | 82.1 | 85.3 | 86.4 | 83.8 |
| **Hides** | | | | | | | | | | | | | |
| Imports— | | | | | | | | | | | | | |
| Calfskins.....thous. of lbs.. | ..... | 3,164 | 3,265 | 5,058 | 6,211 | 3,646 | 4,512 | 3,337 | 1,818 | 1,339 | 2,067 | 2,126 | 2,202 |
| Cattle hides.....thous. of lbs.. | ..... | 10,846 | 11,934 | 11,870 | 9,313 | 7,528 | 6,812 | 4,404 | 6,867 | 4,149 | 5,186 | 6,781 | 6,781 |
| Goatskins.....thous. of lbs.. | ..... | 5,533 | 6,858 | 7,556 | 7,686 | 9,321 | 8,274 | 6,160 | 6,292 | 3,991 | 5,863 | 6,154 | 5,167 |
| Sheepskins.....thous. of lbs.. | ..... | 4,472 | 3,360 | 3,368 | 3,472 | 3,313 | 3,091 | 4,453 | 3,280 | 2,890 | 4,040 | 3,313 | 1,965 |
| Total, hides and skins.....thous. of lbs.. | ..... | 25,856 | 27,445 | 29,513 | 28,332 | 26,053 | 24,437 | 19,616 | 19,468 | 13,417 | 20,211 | 20,471 | 18,207 |
| Inspected slaughter of livestock: | | | | | | | | | | | | | |
| Canada— | | | | | | | | | | | | | |
| Cattle and calves..thous. of animals.. | 75 | 80 | 80 | 78 | 77 | 92 | 103 | 101 | 85 | 58 | 69 | 75 | 78 |
| Swine.....thous. of animals.. | 259 | 247 | 204 | 162 | 148 | 164 | 158 | 172 | 154 | 161 | 166 | 170 | 168 |
| Sheep and lambs...thous. of animals.. | 98 | 193 | 117 | 81 | 71 | 56 | 23 | 27 | 32 | 32 | 37 | 53 | 98 |
| United States— | | | | | | | | | | | | | |
| Cattle.....thous. of animals.. | 614 | 781 | 687 | 727 | 706 | 667 | 704 | 690 | 635 | 559 | 651 | 692 | 605 |
| Calves.....thous. of animals.. | 355 | 407 | 393 | 357 | 356 | 417 | 425 | 471 | 416 | 353 | 379 | 398 | 324 |
| Swine.....thous. of animals.. | 4,218 | 3,772 | 2,955 | 2,500 | 2,767 | 3,251 | 3,408 | 3,488 | 3,523 | 4,142 | 5,362 | 4,647 | 4,024 |
| Sheep.....thous. of animals.. | 1,505 | 1,804 | 1,667 | 1,598 | 1,491 | 1,516 | 1,444 | 1,493 | 1,324 | 1,223 | 1,426 | 1,426 | 1,305 |
| Prices: | | | | | | | | | | | | | |
| Packers, heavy, native steers (Chicago).....dolls. per lb.. | .082 | .077 | .090 | .113 | .120 | .100 | .085 | .092 | .090 | .073 | .095 | .107 | .118 |
| Calfskins, No. 1, country (Chicago).....dolls. per lb.. | .085 | .083 | .098 | .129 | .139 | .129 | .129 | .135 | .128 | .117 | .125 | .144 | .156 |
| Stocks, end of month: | | | | | | | | | | | | | |
| Calf and kip skins.....thous. of lbs.. | ..... | 26,977 | 27,413 | 28,325 | 29,033 | 26,027 | 24,150 | 23,662 | 23,132 | 24,104 | 26,707 | 27,553 | 28,221 |
| Cattle hides.....thous. of lbs.. | ..... | 217,394 | 221,343 | 212,299 | 206,317 | 209,697 | 216,400 | 220,846 | 223,182 | 225,315 | 235,649 | 237,392 | 227,647 |
| Sheep and lamb skins.....thous. of lbs.. | ..... | 33,152 | 34,649 | 35,376 | 35,223 | 34,034 | 35,026 | 32,926 | 34,168 | 33,172 | 33,296 | 34,489 | 34,368 |
| Total hides and skins.....thous. of lbs.. | ..... | 277,523 | 283,405 | 276,000 | 270,573 | 269,758 | 275,576 | 277,434 | 280,482 | 282,591 | 295,652 | 299,434 | 290,236 |
| **Raw** | | | | | | | | | | | | | |
| Sole and belting: | | | | | | | | | | | | | |
| Exports (sole only).....thous. of lbs.. | 309 | 531 | 546 | 459 | 652 | 983 | 1,143 | 1,442 | 949 | 713 | 726 | 1,128 | 825 |
| Price, oak, scoured backs (Boston).....dolls. per lb.. | .32 | .35 | .39 | .40 | .37 | .37 | .37 | .37 | .37 | .37 | .38 | .40 | .41 |
| Production— | | | | | | | | | | | | | |
| Sole only.thous. of backs, bends, sides.. | ..... | 1,127 | 1,088 | 1,160 | 1,097 | 1,076 | 1,034 | 1,137 | 984 | 951 | 1,087 | 1,226 | 1,071 |
| Sole and belting.....thous. of lbs.. | ..... | 19,531 | 18,765 | 19,837 | 19,281 | 19,522 | 18,388 | 20,406 | 18,219 | 17,386 | 19,559 | 21,993 | 18,777 |
| Stocks, end of month— | | | | | | | | | | | | | |
| Finished.....thous. of lbs.. | ..... | 83,463 | 80,773 | 81,319 | 81,906 | 85,626 | 85,848 | 87,196 | 88,044 | 90,321 | 91,827 | 90,878 | 86,331 |
| In process of tanning....thous. of lbs.. | ..... | 69,850 | 69,172 | 68,931 | 67,212 | 67,070 | 67,938 | 68,933 | 71,122 | 72,488 | 73,261 | 74,135 | 77,485 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **LEATHER AND LEATHER PRODUCTS—Continued** | | | | | | | | | | | | | |
| **Raw—Continued** | | | | | | | | | | | | | |
| Upper leather: | | | | | | | | | | | | | |
| Exports ... thous. of sq. ft. | 9,718 | 7,926 | 6,529 | 6,635 | 7,463 | 9,234 | 9,211 | 8,752 | 9,347 | 7,700 | 9,133 | 8,118 | 7,451 |
| Price, composite, chrome, calf, black "B" grade ... dolls. per sq. ft. | .323 | .330 | .337 | .348 | .350 | .352 | .356 | .356 | .352 | .354 | .350 | .367 | .367 |
| Production ... thous. of sq. ft. | | 60,682 | 65,543 | 69,626 | 67,234 | 63,229 | 60,542 | 62,536 | 61,515 | 54,706 | 52,225 | 57,888 | 51,848 |
| Stocks— | | | | | | | | | | | | | |
| Finished ... thous. of sq. ft. | | 267,705 | 254,306 | 250,478 | 246,424 | 250,612 | 254,142 | 257,195 | 261,057 | 264,392 | 272,866 | 280,856 | 279,023 |
| In process of tanning ... thous. of sq. ft. | | 116,578 | 126,146 | 131,095 | 128,425 | 126,684 | 124,330 | 125,722 | 127,867 | 128,967 | 129,513 | 127,785 | 133,357 |
| **Manufactures** | | | | | | | | | | | | | |
| Gloves and mittens cut ... dozen pairs | | 233,394 | 226,754 | 223,837 | 164,205 | 182,077 | 171,968 | 191,120 | 175,988 | 158,485 | 162,388 | 157,079 | 236,263 |
| Shoes: | | | | | | | | | | | | | |
| Exports ... thous. of pairs | 136 | 136 | 142 | 132 | 140 | 167 | 194 | 177 | 185 | 130 | 130 | 208 | 270 |
| Prices, wholesale— | | | | | | | | | | | | | |
| Men's black calf blucher (Boston) ... dolls. per pair | 6.31 | 6.55 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 | 6.75 |
| Men's dress welt tanned calf, oxford (St. Louis) ... dolls. per pair | 4.35 | 4.35 | 4.35 | 4.35 | 4.35 | 4.49 | 4.60 | 4.60 | 4.60 | 4.60 | 4.60 | 4.72 | 4.85 |
| Women's black kid, McKay sewed ... dolls. per pair | 3.15 | 3.15 | 3.15 | 3.15 | 3.15 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.45 | 3.55 |
| Production— | | | | | | | | | | | | | |
| Total ... thous. of prs. | | 25,331 | [3] 31,293 | 33,475 | 28,614 | 27,839 | 28,452 | 29,888 | 29,364 | 23,971 | 19,889 | 17,537 | 18,541 |
| Men's ... thous. of prs. | | 6,120 | 7,423 | 8,245 | 7,349 | 7,244 | 6,735 | 6,641 | 6,254 | 5,687 | 5,250 | 5,034 | 4,740 |
| Boys' and youths' ... thous. of prs. | | 1,775 | 1,991 | 2,078 | 1,739 | 1,605 | 1,647 | 1,768 | 1,654 | 1,438 | 1,418 | 1,262 | 1,271 |
| Women's ... thous. of prs. | | 8,133 | 11,883 | 13,103 | 10,400 | 9,596 | 10,058 | 11,042 | 11,888 | 9,644 | 7,573 | 5,401 | 5,034 |
| Misses' and children's ... thous. of prs. | | 2,055 | 2,785 | 3,140 | 2,846 | 2,835 | 3,128 | 3,846 | 3,712 | 2,983 | 2,495 | 2,003 | 1,769 |
| Slippers, all types ... thous. of prs. | | 4,705 | [3] 4,171 | 3,931 | 3,431 | 2,974 | 2,812 | 2,454 | 2,045 | 1,370 | 853 | 2,044 | 3,953 |
| All other footwear ... thous. of prs. | | 2,543 | [3] 3,040 | 2,978 | 2,849 | 3,585 | 4,072 | 4,137 | 3,811 | 2,849 | 2,300 | 1,793 | 1,774 |
| **IRON AND STEEL** | | | | | | | | | | | | | |
| New orders ... rel. to 1923-25 | | 42.6 | 56.0 | 46.8 | 56.2 | 59.0 | 57.9 | 83.6 | 74.5 | 59.9 | 66.9 | 70.9 | 58.0 |
| Prices, wholesale ... rel. to 1926 | 86.0 | 86.2 | 86.6 | 86.6 | 87.1 | 86.9 | 87.2 | 87.5 | 88.1 | 88.4 | 88.1 | 88.0 | 88.3 |
| Production index (Fed. Res. Bd.) ... rel. to 1923-25 | 46 | 43 | 46 | 51 | 59 | 64 | 72 | 75 | 78 | 73 | 64 | 59 | 65 |
| Production index (elect. energy consumed) ... rel. to 1923-25 | 77.0 | 76.3 | 78.3 | 78.0 | 83.1 | 86.6 | 106.8 | 108.1 | 119.4 | 116.5 | 103.4 | 110.2 | 106.5 |
| Stocks, manufactured goods, end of month ... rel. to 1923-25 | 124.4 | 125.3 | 123.3 | 128.7 | 130.1 | 136.6 | 138.9 | 142.8 | 145.7 | 139.7 | 141.7 | 146.4 | 146.1 |
| Unfilled orders, end of month ... rel. to 1923-25 | | [3] 52.4 | 53.0 | 53.4 | 57.6 | 60.3 | 62.4 | 67.4 | 69.6 | 68.6 | 71.6 | 76.3 | 69.4 |
| **Ore** | | | | | | | | | | | | | |
| Iron ore: | | | | | | | | | | | | | |
| Consumption ... thous. of long tons | 1,311 | 1,451 | 1,470 | 1,652 | 1,832 | 2,114 | 2,675 | 2,826 | 2,835 | 2,368 | 2,350 | 2,339 | 2,640 |
| Imports ... thous. of long tons | 94 | 70 | 99 | 92 | 128 | 122 | 194 | 163 | 169 | 95 | 150 | 176 | 74 |
| Receipts— | | | | | | | | | | | | | |
| Lake Erie ports and furnaces ... thous. of long tons | 457 | 2,029 | 2,873 | 3,229 | 3,191 | 2,369 | 599 | 9 | 0 | 0 | 0 | 0 | 1,634 |
| Other ports ... thous. of long tons | 277 | 1,162 | 1,440 | 1,658 | 1,735 | 1,428 | 656 | 106 | 0 | 0 | 0 | 0 | 993 |
| Shipments from mines ... thous. of long tons | 421 | 3,094 | 4,179 | 5,065 | 4,956 | 3,808 | 1,769 | 176 | 0 | 0 | 0 | 0 | 1,988 |
| Stocks end of month— | | | | | | | | | | | | | |
| At furnaces ... thous. of long tons | 33,184 | 33,687 | 31,998 | 29,385 | 26,451 | 23,556 | 21,968 | 23,292 | 25,751 | 28,247 | 30,430 | 32,618 | 34,761 |
| On Lake Erie docks ... thous. of long tons | 6,048 | 6,080 | 5,974 | 5,686 | 5,366 | 5,157 | 5,147 | 5,430 | 5,765 | 6,011 | 6,190 | 6,331 | 6,466 |
| Total ... thous. of long tons | 39,232 | 39,767 | 37,972 | 35,071 | 31,817 | 28,713 | 27,115 | 28,722 | 31,516 | 34,258 | 36,620 | 38,949 | 41,227 |
| Manganese ore: | | | | | | | | | | | | | |
| Imports ... thous. of long tons | 9 | 21 | 27 | 22 | 38 | 37 | 21 | 33 | 2 | 10 | 17 | 29 | 10 |
| **Iron—Crude** | | | | | | | | | | | | | |
| Gray-iron castings: | | | | | | | | | | | | | |
| Production ... av. tons per foundry | | | 111 | 99 | 101 | 108 | 126 | 122 | 122 | 108 | 101 | 103 | 106 |
| New business ... av tons per foundry | | | 82 | 79 | 92 | 82 | 105 | 123 | 134 | 107 | 97 | 101 | 77 |
| Unfilled orders ... av tons per foundry | | | 68 | 70 | 70 | 60 | 77 | 93 | 98 | 84 | 68 | 80 | 53 |
| Material received ... av. tons per foundry | | | 137 | 123 | 117 | 123 | 134 | 140 | 136 | 118 | 131 | 112 | 135 |
| Material on hand ... av. tons per foundry | | | 260 | 231 | 226 | 229 | 232 | 252 | 261 | 268 | 309 | 273 | 260 |
| Malleable castings: | | | | | | | | | | | | | |
| New orders ... short tons | 18,542 | 18,145 | 17,610 | 18,494 | 19,400 | 22,176 | 28,328 | 36,086 | 34,331 | 32,566 | 32,676 | 26,433 | 27,451 |
| Operating activities ... per ct. of capacity | 18.3 | 20.5 | 18.6 | 19.0 | 20.1 | 24.5 | 32.2 | 36.3 | 35.9 | 34.4 | 31.5 | 31.1 | 27.8 |
| Production ... short tons | 17,678 | 20,123 | 18,193 | 18,531 | 19,943 | 23,837 | 31,450 | 36,076 | 35,210 | 33,587 | 31,267 | 30,431 | 27,114 |
| Shipments ... short tons | 17,888 | 17,484 | 18,387 | 20,513 | 23,511 | 28,132 | 36,540 | 37,693 | 36,677 | 32,663 | 31,536 | 27,474 | 25,974 |
| Pig-iron production: | | | | | | | | | | | | | |
| Canada ... thous. of long tons | | 0 | 18 | 23 | 40 | 56 | 51 | 54 | 57 | 46 | 36 | 38 | 46 |
| Merchant furnaces ... thous. of long tons | | | | 297 | 371 | 336 | 410 | 404 | 356 | 317 | 292 | 396 | 375 |
| United States, total ... thous. of long tons | 1,103 | 1,173 | 1,169 | 1,281 | 1,463 | 1,639 | 1,994 | 2,020 | 2,032 | 1,707 | 1,714 | 1,666 | 1,867 |
| United States, total ... rel. to 1923-25 | 36.9 | 39.3 | 39.1 | 42.9 | 49.0 | 54.9 | 66.7 | 67.6 | 68.0 | 57.1 | 57.4 | 55.8 | 62.5 |
| Pig-iron furnaces in blast, end of month: | | | | | | | | | | | | | |
| Furnaces, end of month ... number | 67 | 70 | 73 | 76 | 82 | 91 | 105 | 113 | 116 | 108 | 102 | 95 | 107 |
| Capacity, end of month ... long tons per day | 35,810 | 36,530 | 38,600 | 39,085 | 45,230 | 50,855 | 61,085 | 66,980 | 67,880 | 61,850 | 57,365 | 51,330 | 60,205 |
| Prices, wholesale: | | | | | | | | | | | | | |
| Basic (valley furnace) ... dolls. per long ton | 15.00 | 15.25 | 15.50 | 15.50 | 15.50 | 15.50 | 16.25 | 16.50 | 16.50 | 16.75 | 17.00 | 17.00 | 17.00 |
| Composite pig-iron ... dolls. per long ton | 16.02 | 16.23 | 16.32 | 16.38 | 16.38 | 16.40 | 16.64 | 16.75 | 16.72 | 16.82 | 16.94 | 17.01 | 17.14 |
| Foundry, No. 2, northern (Pittsburgh) ... dolls. per long ton | 17.76 | 18.39 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.76 | 18.26 | 18.51 | 18.76 | 18.76 | 18.76 |
| **Iron—Manufactured Products** | | | | | | | | | | | | | |
| Cast-iron boilers: | | | | | | | | | | | | | |
| Gas-fired boilers— | | | | | | | | | | | | | |
| Production ... thous. B. t. u. | 329,726 | 105,181 | 158,495 | 208,072 | 201,956 | 178,101 | 174,244 | 227,605 | 210,584 | 178,224 | 163,390 | 85,399 | 85,328 |
| Shipments ... thous. B. t. u. | 146,023 | 247,732 | 257,941 | 195,946 | 155,723 | 156,769 | 154,650 | 150,227 | 95,765 | 114,503 | 98,397 | 221,775 | 149,507 |
| Shipments ... dollars | 147,698 | 270,880 | 288,422 | 213,852 | 159,568 | 166,923 | 148,749 | 149,057 | 94,251 | 116,186 | 92,702 | 181,906 | 202,835 |
| Stocks, end of month ... mills. B. t. u. | 741 | 842 | 978 | 1,106 | 1,089 | 1,069 | 1,014 | 997 | 916 | 797 | 721 | 621 | 759 |
| Round boilers— | | | | | | | | | | | | | |
| New orders ... thous. of lbs. | 8,406 | 11,731 | 9,148 | 7,204 | 5,520 | 4,948 | 4,525 | 3,741 | 4,311 | 3,912 | 6,412 | 7,193 | 9,495 |
| Production ... thous. of lbs. | 5,228 | 6,502 | 4,678 | 4,662 | 3,977 | 4,654 | 5,069 | 6,553 | 4,864 | 5,509 | 4,109 | 3,614 | 5,910 |
| Shipments ... thous. of lbs. | 8,497 | 13,923 | 10,262 | 7,309 | 6,071 | 5,055 | 4,787 | 4,232 | 4,071 | 4,183 | 5,724 | 7,131 | 10,041 |
| Stocks, end of month ... thous. of lbs. | 36,872 | 41,257 | 48,095 | 53,558 | 57,274 | 59,876 | 59,770 | 60,221 | 57,794 | 56,878 | 54,997 | 51,657 | 53,686 |

[3] Revised

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **IRON AND STEEL—Continued** | | | | | | | | | | | | | |
| **Iron—Manufactured Products—Contd.** | | | | | | | | | | | | | |
| Cast-iron boilers—Continued. | | | | | | | | | | | | | |
| Square boilers— | | | | | | | | | | | | | |
| New orders.....thous. of lbs.. | 19,029 | 27,999 | 22,547 | 19,967 | 14,765 | 12,200 | 10,049 | 8,091 | 9,771 | 9,122 | 11,500 | 17,723 | 21,377 |
| Production.....thous. of lbs.. | 11,741 | 19,751 | 14,231 | 15,264 | 13,028 | 13,256 | 13,140 | 15,981 | 14,700 | 15,957 | 14,689 | 10,857 | 12,858 |
| Shipments.....thous. of lbs.. | 19,137 | 31,479 | 25,328 | 19,413 | 15,184 | 11,422 | 9,537 | 8,448 | 8,851 | 8,632 | 12,082 | 16,837 | 21,480 |
| Stocks, end of month...thous. of lbs.. | 106,617 | 113,226 | 124,657 | 137,143 | 139,469 | 141,522 | 139,773 | 136,840 | 129,643 | 124,238 | 117,622 | 109,835 | 115,313 |
| Cast-iron fittings: | | | | | | | | | | | | | |
| Production.....short tons.. | 5,381 | 5,475 | 4,592 | 3,650 | 4,059 | 4,165 | 4,976 | 5,603 | 5,763 | 6,288 | 6,446 | 6,506 | 7,188 |
| Shipments.....short tons.. | 4,778 | 7,638 | 5,822 | 4,442 | 4,779 | 4,508 | 5,088 | 5,379 | 5,665 | 5,897 | 6,758 | 5,358 | 7,222 |
| Malleable fittings: | | | | | | | | | | | | | |
| Production.....short tons.. | 2,412 | 2,973 | 2,466 | 1,959 | 2,114 | 2,365 | 2,471 | 3,075 | 3,290 | 3,379 | 3,236 | 3,209 | 3,322 |
| Shipments.....short tons.. | 2,026 | 3,610 | 2,964 | 2,041 | 2,330 | 2,489 | 2,784 | 2,995 | 3,242 | 3,432 | 3,533 | 2,603 | 3,108 |
| Radiators: | | | | | | | | | | | | | |
| New orders.thous. sq. ft. heating surface.. | 8,302 | 10,342 | 8,508 | 8,365 | 6,606 | 6,428 | 4,863 | 4,330 | 4,451 | 4,483 | 6,267 | 7,471 | 9,089 |
| Production.thous. sq. ft. heating surface.. | 5,560 | 7,292 | 5,090 | 4,572 | 4,194 | 5,025 | 5,164 | 5,957 | 6,781 | 6,801 | 6,961 | 4,097 | 4,791 |
| Shipments.thous. sq. ft. heating surface.. | 8,465 | 11,282 | 9,262 | 7,960 | 6,834 | 5,759 | 5,003 | 4,293 | 4,013 | 4,410 | 6,091 | 6,866 | 9,118 |
| Stocks, end of month .....thous. sq. ft. heating surface.. | 34,388 | 36,798 | 40,549 | 44,834 | 47,414 | 50,183 | 50,953 | 50,632 | 48,978 | 45,969 | 43,613 | 38,702 | 41,420 |
| Range boilers: | | | | | | | | | | | | | |
| New orders.....number.. | 37,427 | [2] 46,680 | 42,109 | 35,674 | 39,066 | 39,428 | 41,768 | 43,287 | 48,733 | 40,807 | 58,233 | 39,927 | 39,304 |
| Production.....number.. | 37,918 | [2] 51,769 | 39,211 | 32,003 | 44,611 | 42,012 | 43,799 | 48,250 | 48,051 | 42,083 | 60,213 | 38,302 | 43,251 |
| Shipments.....number.. | 36,930 | 50,127 | 41,754 | 33,636 | 46,036 | 41,001 | 41,744 | 47,148 | 49,861 | 41,944 | 64,033 | 31,496 | 41,677 |
| Stocks, end of month.....number.. | 26,605 | [2] 25,617 | 23,975 | 26,518 | 28,151 | 29,576 | 28,565 | 26,510 | 25,408 | 27,218 | 27,079 | 30,899 | 24,093 |
| Unfilled orders— | | | | | | | | | | | | | |
| Total.....number.. | 7,520 | [2] 7,023 | 10,470 | 10,115 | 8,077 | 15,047 | 16,620 | 16,596 | 20,457 | 21,585 | 22,722 | 28,522 | 20,091 |
| Delivery, 30 days.....number.. | 6,309 | [2] 5,423 | 8,470 | 8,054 | 5,922 | 12,752 | 9,944 | 8,599 | 10,882 | 11,708 | 11,712 | 17,192 | 6,870 |
| Delivery, more than 30 days.number.. | 1,211 | 1,600 | 2,000 | 2,061 | 2,155 | 2,295 | 6,676 | 7,997 | 9,575 | 9,877 | 11,010 | 11,330 | 13,221 |
| **Steel—Crude** | | | | | | | | | | | | | |
| Prices, wholesale: | | | | | | | | | | | | | |
| Composite, finished steel .....dolls. per 100 lbs.. | 2.18 | 2.18 | 2.20 | 2.19 | 2.20 | 2.19 | 2.21 | 2.22 | 2.23 | 2.22 | 2.22 | 2.19 | 2.20 |
| Iron and steel composite .....dolls. per long ton.. | 30.61 | 30.81 | 31.03 | 31.05 | 31.05 | 31.02 | 31.39 | 31.61 | 31.66 | 31.65 | 31.70 | 31.76 | 31.95 |
| Steel billets, Bessemer (Pittsburgh).....dolls. per long ton.. | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.50 | 30.00 | 30.00 | 30.00 | 30.00 | 30.60 | 31.00 |
| Structural-steel beams (Pittsburgh).....dolls. per 100 lbs.. | 1.60 | 1.60 | 1.60 | 1.60 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.63 | 1.60 | 1.60 |
| Sheets, black, blue, galvanized, and full finished: | | | | | | | | | | | | | |
| New orders.....net tons.. | 102,867 | 117,195 | 120,688 | 122,849 | 144,461 | 163,599 | 148,612 | 191,987 | 236,310 | 168,564 | 180,863 | 233,289 | 135,682 |
| Production— | | | | | | | | | | | | | |
| Per cent of capacity.....per cent.. | 26.7 | 33.1 | 32.0 | 34.9 | 46.3 | 40.3 | 56.6 | 58.2 | 61.1 | 57.2 | 45.1 | 39.8 | 43.6 |
| Total.....net tons.. | 102,758 | 122,739 | 116,842 | 123,752 | 174,890 | 147,843 | 201,846 | 213,608 | 224,322 | 192,218 | 167,865 | 145,125 | 148,550 |
| Shipments.....net tons.. | 94,975 | 129,365 | 123,371 | 151,529 | 178,460 | 156,160 | 191,942 | 211,118 | 208,207 | 179,138 | 170,379 | 144,040 | 158,182 |
| Stocks, end of month— | | | | | | | | | | | | | |
| Unsold.....net tons.. | 74,763 | 70,465 | 67,337 | 75,288 | 77,953 | 75,618 | 82,532 | 85,415 | 89,334 | 92,047 | 87,496 | 83,629 | 96,248 |
| Total.....net tons.. | 133,296 | 137,243 | 143,153 | 149,533 | 160,959 | 168,013 | 169,444 | 176,846 | 189,915 | 181,614 | 180,285 | 184,590 | 184,586 |
| Unfilled orders, end of month...net tons.. | 147,169 | 159,367 | 167,366 | 170,122 | 203,358 | 304,107 | 296,731 | 325,169 | 383,280 | 343,439 | 360,479 | 378,601 | 295,282 |
| Steel castings: | | | | | | | | | | | | | |
| New orders— | | | | | | | | | | | | | |
| Total.....short tons.. | 20,000 | 22,851 | 23,073 | 27,458 | 32,869 | 26,136 | 39,052 | 46,039 | 48,184 | 40,320 | 46,810 | 49,387 | 48,123 |
| Miscellaneous.....short tons.. | 12,831 | 15,890 | 17,050 | 20,610 | 19,248 | 18,539 | 27,746 | 29,844 | 37,172 | 31,184 | 32,092 | 30,131 | 31,628 |
| Railroad specialties.....short tons.. | 7,169 | 6,961 | 6,023 | 6,848 | 13,621 | 7,597 | 11,306 | 16,195 | 11,012 | 9,136 | 14,718 | 19,256 | 16,495 |
| Per cent of capacity.....per cent.. | 14 | 16 | 16 | 19 | 23 | 18 | 27 | 32 | 33 | 28 | 32 | 34 | 33 |
| Production— | | | | | | | | | | | | | |
| Total.....short tons.. | 23,109 | 24,083 | 26,948 | 30,186 | 31,751 | 35,018 | 43,154 | 48,282 | 56,755 | 49,548 | 46,294 | 46,290 | 44,290 |
| Miscellaneous.....short tons.. | 16,108 | 16,717 | 19,683 | 21,529 | 23,339 | 25,608 | 31,083 | 35,439 | 42,544 | 35,638 | 35,351 | 32,093 | 32,445 |
| Railroad specialties.....short tons.. | 7,001 | 7,366 | 7,265 | 8,657 | 8,412 | 9,410 | 12,071 | 12,843 | 14,211 | 13,910 | 10,943 | 14,197 | 11,845 |
| Per cent of capacity.....per cent.. | 16 | 17 | 19 | 21 | 22 | 24 | 30 | 33 | 39 | 34 | 32 | 32 | 31 |
| Steel ingots, production: | | | | | | | | | | | | | |
| Canada.....thous. of long tons.. | ..... | 31 | 33 | 52 | 45 | 56 | 75 | 91 | 99 | 83 | 58 | 56 | 72 |
| United States, total...thous. of long tons.. | 1,594 | 1,592 | 1,548 | 1,719 | 1,886 | 2,076 | 2,505 | 2,722 | 2,994 | 2,502 | 2,459 | 1,980 | 2,212 |
| United States, total.....rel. to 1923-25.. | 46.1 | 46.1 | 44.8 | 49.7 | 54.6 | 60.1 | 72.5 | 78.7 | 86.6 | 72.4 | 71.1 | 57.3 | 64.0 |
| Per cent of capacity.....per cent.. | 30 | 28 | 28 | 31 | 34 | 38 | 45 | 49 | 54 | 49 | 43 | 38 | 44 |
| U. S. Steel Corporation: | | | | | | | | | | | | | |
| Earnings.....thous. of dolls.. | ..... | ..... | 2,559 | 2,960 | 3,662 | 4,499 | 4,183 | 5,136 | 7,191 | 6,156 | 6,118 | 4,191 | 7,949 |
| Unfilled orders, end of month.....thous. of long tons.. | 2,934 | 3,119 | 3,145 | 3,169 | 3,405 | 3,479 | 3,620 | 3,898 | 3,995 | 3,965 | 4,132 | 3,944 | 3,640 |
| Unfilled orders, end of month.....rel. to 1923-25.. | 61.4 | 65.3 | 65.9 | 66.4 | 71.3 | 72.9 | 75.8 | 81.6 | 83.7 | 83.0 | 86.5 | 82.6 | 76.2 |
| **Steel—Manufactured Products** | | | | | | | | | | | | | |
| Furniture, steel: | | | | | | | | | | | | | |
| Business group— | | | | | | | | | | | | | |
| New orders.....thous. of dolls.. | 910 | [2] 1,114 | 1,059 | 1,010 | 1,092 | 1,272 | 1,306 | 1,424 | 1,487 | 1,478 | 1,841 | 1,591 | 1,587 |
| Shipments.....thous. of dolls.. | 956 | 1,078 | 1,188 | 1,057 | 1,074 | 1,221 | 1,305 | 1,481 | 1,522 | 1,563 | 1,768 | 1,774 | 1,632 |
| Unfilled orders, end of month.....thous. of dolls.. | 780 | 826 | 790 | 919 | 966 | 948 | 897 | 896 | 952 | 986 | 1,072 | 999 | 1,182 |
| Shelving— | | | | | | | | | | | | | |
| New orders.....thous. of dolls.. | 267 | 304 | 304 | 307 | 328 | 452 | 506 | 408 | 455 | 401 | 418 | 283 | 468 |
| Shipments.....thous. of dolls.. | 226 | 310 | 310 | 358 | 371 | 449 | 409 | 423 | 481 | 382 | 422 | 515 | 503 |
| Unfilled orders, end of month.....thous. of dolls.. | 419 | 378 | 383 | 390 | 441 | 483 | 480 | 383 | 398 | 424 | 404 | 409 | 641 |
| Iron, steel, and heavy hardware, sales.....rel. to Jan., 1921.. | ..... | 109 | 112 | 110 | 117 | 124 | 129 | 134 | 123 | 104 | 110 | 123 | 139 |
| Iron and steel: | | | | | | | | | | | | | |
| Exports.....long tons.. | 59,526 | 59,335 | 69,768 | 73,338 | 84,466 | 75,585 | 91,407 | 101,081 | 109,512 | 91,212 | 92,745 | 101,988 | 111,968 |
| Imports.....long tons.. | 23,104 | 23,335 | 24,509 | 21,898 | 28,225 | 30,987 | 29,689 | 40,606 | 33,343 | 22,479 | 33,959 | 24,338 | 34,572 |
| Lock washers, shipments.....thous. of dolls.. | ..... | 85 | 83 | 84 | 96 | 122 | 172 | 179 | 177 | 163 | 140 | 115 | 119 |
| Steel barrels: | | | | | | | | | | | | | |
| Production.....barrels.. | 453,547 | 489,555 | 451,562 | 449,590 | 580,565 | 552,935 | 610,788 | 591,390 | 550,583 | 450,134 | 421,814 | 412,283 | 497,539 |
| Per cent of capacity.....per cent.. | 32.7 | 35.3 | 31.7 | 31.6 | 40.7 | 38.9 | 43.1 | 41.9 | 39.9 | 33.1 | 32.6 | 30.3 | 36.5 |
| Shipments.....barrels.. | 444,201 | 492,145 | 452,960 | 455,502 | 581,450 | 549,781 | 618,801 | 600,566 | 554,332 | 449,485 | 427,622 | 406,327 | 500,409 |
| Stocks, end of month.....barrels.. | 44,050 | 34,704 | 37,294 | 38,692 | 44,604 | 45,489 | 42,315 | 50,328 | 59,495 | 63,244 | 62,505 | 68,403 | 62,447 |
| Unfilled orders, end of month.....thous. of barrels.. | 549 | 638 | 914 | 1,030 | 939 | 1,078 | 1,053 | 1,195 | 1,253 | 1,392 | 1,424 | 1,437 | 929 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **IRON AND STEEL**—Continued | | | | | | | | | | | | | |
| **Steel—Manufactured Products**—Cont'd. | | | | | | | | | | | | | |
| Steel bars, cold finished, shipments..short tons.. | 12,182 | 13,034 | 11,576 | 12,600 | 14,413 | 16,360 | 22,768 | 25,141 | 25,011 | 21,727 | 21,943 | 15,747 | 15,456 |
| Steel boilers, new orders: | | | | | | | | | | | | | |
| Area.....thous. of sq. ft.. | 424 | 467 | 692 | 595 | 687 | 677 | 603 | 825 | 665 | 622 | 577 | 587 | 709 |
| Quantity.....number.. | 491 | 672 | 893 | 827 | 816 | 818 | 658 | 689 | 630 | 516 | 598 | 814 | 777 |
| Steel plate, fabricated, new orders: | | | | | | | | | | | | | |
| Total.....short tons.. | 18,268 | [1] 20,839 | 33,473 | 24,282 | 27,261 | 22,806 | 26,210 | 29,916 | 31,056 | 24,438 | 27,518 | 26,787 | 33,151 |
| Oil storage tanks.....short tons.. | 1,755 | 1,955 | 4,024 | 1,138 | 4,136 | 4,679 | 2,411 | 7,749 | 2,538 | 3,585 | 2,598 | 5,118 | 9,965 |
| Structural steel, fabricated: | | | | | | | | | | | | | |
| New orders— | | | | | | | | | | | | | |
| Computed total.....short tons.. | 87,200 | 110,000 | 196,800 | 124,400 | 159,200 | 177,200 | 152,800 | 292,800 | 184,400 | 158,400 | 162,400 | 152,800 | 151,200 |
| Per cent of capacity.....per cent.. | 21.8 | 27.5 | 49.2 | 31.1 | 39.8 | 44.3 | 38.2 | 73.2 | 46.1 | 39.6 | 40.6 | 38.2 | 37.8 |
| Shipments— | | | | | | | | | | | | | |
| Computed total.....short tons.. | 111,600 | 145,600 | 150,000 | 168,800 | 181,600 | 162,400 | 148,000 | 158,400 | 151,200 | 166,400 | 172,000 | 168,400 | 195,200 |
| Per cent of capacity.....per cent.. | 27.9 | 36.4 | 37.5 | 42.2 | 45.4 | 40.6 | 37.0 | 39.6 | 37.8 | 41.6 | 43.0 | 42.1 | 48.8 |
| Track work, production.....short tons.. | 1,948 | 2,162 | 3,472 | 3,924 | 4,409 | 5,705 | 7,453 | 8,564 | 8,944 | 6,321 | 5,626 | 5,174 | 4,212 |
| **Enameled Ware** | | | | | | | | | | | | | |
| Baths: | | | | | | | | | | | | | |
| New orders.....no. of pieces.. | 24,445 | 35,703 | 33,578 | 35,463 | 46,704 | 43,228 | 42,991 | 40,111 | 33,196 | 28,041 | 56,494 | 52,254 | 30,813 |
| Shipments.....no. of pieces.. | 25,473 | 36,022 | 34,980 | 37,633 | 47,922 | 43,584 | 45,512 | 40,449 | 34,938 | 30,616 | 68,564 | 36,008 | 35,489 |
| Stocks, end of month.....no. of pieces.. | 126,718 | 131,858 | 134,392 | 139,496 | 138,759 | 145,140 | 152,206 | 163,037 | 166,158 | 160,851 | 148,909 | 167,932 | 168,808 |
| Unfilled orders, end of month.....no. of pieces.. | 10,973 | 12,001 | 12,320 | 13,722 | 15,892 | 17,110 | 17,466 | 19,987 | 20,325 | 22,067 | 24,642 | 36,712 | 20,466 |
| Lavatories: | | | | | | | | | | | | | |
| New orders.....no. of pieces.. | 30,269 | 43,238 | 41,489 | 43,521 | 53,226 | 49,181 | 51,395 | 45,440 | 33,851 | 30,883 | 71,113 | 72,493 | 41,227 |
| Shipments.....no. of pieces.. | 30,844 | 44,963 | 43,372 | 45,262 | 53,585 | 50,575 | 54,520 | 43,221 | 36,642 | 34,438 | 93,870 | 48,023 | 47,078 |
| Stocks, end of month.....no. of pieces.. | 161,911 | 169,509 | 176,825 | 190,226 | 192,552 | 209,841 | 218,067 | 232,277 | 230,817 | 212,395 | 192,072 | 214,472 | 205,517 |
| Sinks: | | | | | | | | | | | | | |
| New orders.....no. of pieces.. | 34,997 | 44,287 | 43,518 | 43,174 | 51,341 | 49,928 | 54,693 | 52,771 | 41,532 | 35,873 | 63,074 | 61,567 | 44,897 |
| Shipments.....no. of pieces.. | 34,163 | 46,437 | 43,070 | 44,907 | 52,963 | 51,676 | 56,845 | 49,443 | 41,787 | 39,211 | 80,095 | 43,968 | 51,027 |
| Stocks, end of month.....no. of pieces.. | 212,783 | 224,726 | 226,440 | 236,665 | 245,354 | 255,269 | 260,426 | 273,154 | 267,828 | 259,442 | 244,880 | 261,800 | 253,374 |
| Miscellaneous sanitary ware: | | | | | | | | | | | | | |
| New orders.....no. of pieces.. | 17,418 | 26,854 | 21,911 | 27,324 | 27,106 | 27,463 | 21,243 | 22,995 | 18,641 | 15,781 | 29,785 | 25,092 | 21,453 |
| Shipments.....no. of pieces.. | 17,718 | 26,175 | 22,231 | 28,073 | 29,082 | 26,453 | 24,490 | 21,719 | 18,811 | 17,768 | 33,527 | 19,680 | 22,065 |
| Stocks, end of month.....no. of pieces.. | 83,492 | 86,401 | 86,646 | 86,455 | 94,260 | 98,384 | 101,673 | 107,917 | 109,508 | 107,439 | 106,152 | 112,460 | 108,795 |
| Small ware (except baths): | | | | | | | | | | | | | |
| Unfilled orders, end of month.....no. of pieces.. | 36,465 | 36,506 | 39,702 | 41,457 | 45,680 | 49,637 | 51,769 | 60,293 | 53,470 | 56,686 | 65,566 | 109,086 | 61,605 |
| Porcelain enameled flat ware: | | | | | | | | | | | | | |
| New orders— | | | | | | | | | | | | | |
| Total.....dollars.. | ..... | 706,284 | 701,487 | 564,093 | 649,894 | 637,688 | 716,502 | 670,171 | 707,480 | 623,973 | 548,403 | 412,512 | 515,383 |
| Signs.....dollars.. | ..... | 206,012 | 213,856 | 170,313 | 245,943 | 249,455 | 283,526 | 242,938 | 264,769 | 263,677 | 259,070 | 181,600 | 195,764 |
| Table tops.....dollars.. | ..... | 205,756 | 175,642 | 128,350 | 168,362 | 132,869 | 148,700 | 161,172 | 173,064 | 122,836 | 104,522 | 50,271 | 85,009 |
| All other.....dollars.. | ..... | 294,516 | 311,989 | 265,430 | 235,589 | 255,364 | 284,276 | 266,061 | 269,647 | 237,460 | 184,811 | 180,641 | 234,610 |
| Shipments— | | | | | | | | | | | | | |
| Total.....dollars.. | ..... | 692,415 | 704,428 | 638,431 | 690,801 | 706,838 | 739,656 | 691,107 | 738,358 | 628,969 | 468,779 | 509,392 | 524,486 |
| Signs.....dollars.. | ..... | 182,077 | 222,332 | 229,459 | 278,732 | 290,032 | 290,429 | 256,906 | 293,356 | 270,886 | 197,894 | 283,966 | 192,547 |
| Table tops.....dollars.. | ..... | 201,935 | 180,650 | 131,675 | 163,979 | 140,545 | 151,647 | 160,892 | 174,347 | 120,623 | 102,199 | 50,680 | 80,764 |
| All other.....dollars.. | ..... | 308,403 | 301,446 | 277,297 | 248,090 | 276,261 | 297,580 | 273,309 | 270,655 | 237,460 | 168,686 | 174,746 | 251,175 |
| **Plumbers' Woodwork** | | | | | | | | | | | | | |
| New orders, net.....no. of pieces.. | 100,194 | 100,275 | 110,372 | 106,928 | 101,784 | 122,642 | 135,674 | 118,510 | 130,895 | 98,869 | 111,957 | 111,689 | 96,928 |
| Shipments.....no. of pieces.. | 100,708 | 111,422 | 106,466 | 118,358 | 108,525 | 126,368 | 125,652 | 127,055 | 117,445 | 119,725 | 113,168 | 108,021 | 104,088 |
| Stock, finished, end of month...no. of pieces.. | 190,034 | 191,933 | 199,308 | 203,213 | 211,622 | 200,227 | 211,972 | 204,586 | 213,574 | 215,628 | 212,683 | 247,513 | 232,467 |
| Unfilled orders, end of month...no. of pieces.. | 88,895 | 89,409 | 100,556 | 96,650 | 108,080 | 114,821 | 119,578 | 109,556 | 118,101 | 104,651 | 125,507 | 126,718 | 123,050 |
| **Bathroom Accessories** | | | | | | | | | | | | | |
| Total: | | | | | | | | | | | | | |
| Production.....no. of pieces.. | 121,490 | 154,106 | 160,401 | 163,462 | 147,999 | 203,283 | 189,979 | 181,955 | 173,588 | 121,546 | 121,205 | ..... | ..... |
| Shipments.....no. of pieces.. | 104,849 | 166,839 | 153,126 | 144,466 | 162,497 | 192,246 | 192,848 | 177,051 | 166,084 | 122,745 | 158,414 | ..... | ..... |
| Stocks, end of month.....no. of pieces.. | 645,909 | 629,268 | 648,161 | 640,886 | 621,890 | 636,388 | 625,351 | 628,220 | 623,316 | 615,812 | 617,011 | ..... | ..... |
| **Shipbuilding** | | | | | | | | | | | | | |
| Rate of activity (elec. energy consumed).....rel. to 1923-25.. | 95.0 | 84.5 | 88.9 | 85.6 | 82.0 | 84.8 | 89.7 | 92.5 | 98.3 | 114.8 | 113.9 | 99.0 | 105.5 |
| Building or under contract, end of month— | | | | | | | | | | | | | |
| Merchant vessels....thous. of gross tons.. | ..... | 288 | 294 | 299 | 326 | 359 | 370 | 397 | 409 | 412 | 421 | 344 | 359 |
| Completed during month— | | | | | | | | | | | | | |
| Total.....gross tons.. | ..... | ..... | 27,906 | 11,554 | 30,471 | 22,647 | 34,527 | 13,766 | 17,443 | 25,622 | 29,413 | 25,971 | 53,551 |
| Steel, seagoing.....gross tons.. | ..... | ..... | 25,002 | 7,150 | 25,363 | 16,964 | 28,613 | 4,985 | 13,976 | 9,703 | 21,045 | 18,391 | 39,830 |
| **Machinery** | | | | | | | | | | | | | |
| Total exports.....thous. of dolls.. | 15,700 | 20,200 | 24,700 | 20,400 | 22,700 | 28,300 | 26,600 | 31,100 | 29,400 | 44,000 | 37,700 | 36,100 | 33,200 |
| Air conditioning equipment: | | | | | | | | | | | | | |
| New orders— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | ..... | 1,485 | 1,432 | 1,359 | 1,719 | 1,538 | 1,671 | 1,398 | 1,307 | 1,180 | 1,284 | ..... | ..... |
| Air washer group.....thous. of dolls.. | ..... | 83 | 61 | 75 | 93 | 127 | 205 | 78 | 99 | 64 | 79 | ..... | ..... |
| Fan group.....thous. of dolls.. | ..... | 575 | 562 | 553 | 832 | 788 | 781 | 756 | 740 | 585 | 666 | ..... | ..... |
| Unit heater group.....thous. of dolls.. | ..... | 827 | 809 | 731 | 794 | 623 | 685 | 564 | 468 | 531 | 539 | ..... | ..... |
| Electric hoists: | | | | | | | | | | | | | |
| New orders— | | | | | | | | | | | | | |
| Quantity.....no. of hoists.. | 104 | 165 | 132 | 203 | 192 | 220 | 293 | 276 | 261 | 205 | 335 | 231 | 267 |
| Value.....dollars.. | 48,243 | 71,451 | 63,032 | 85,526 | 90,964 | 109,245 | 142,962 | 125,550 | 117,216 | 113,862 | 133,295 | 126,592 | 122,136 |
| Shipments.....dollars.. | 65,714 | 62,493 | 81,465 | 73,163 | 142,143 | 122,189 | 115,809 | 101,746 | 134,995 | 112,363 | 132,157 | 106,459 | 115,849 |
| Electric overhead cranes: | | | | | | | | | | | | | |
| New orders.....thous. of dolls.. | 44 | 73 | 84 | 91 | 160 | 261 | 307 | 274 | 671 | 268 | 423 | 302 | 370 |
| Shipments.....thous. of dolls.. | 102 | 157 | 235 | 345 | 435 | 410 | 310 | 416 | 261 | 530 | 496 | 671 | 587 |
| Unfilled orders, end of month.....thous. of dolls.. | 435 | 497 | 581 | 736 | 990 | 1,264 | 1,413 | 1,420 | 1,552 | 1,207 | 1,407 | 1,517 | 1,864 |
| Foundry equipment: | | | | | | | | | | | | | |
| New orders.....rel. to 1922-24.. | 17.2 | 45.9 | 31.9 | 16.9 | 38.7 | 40.9 | 54.1 | 57.7 | 174.4 | 54.7 | 65.3 | 59.8 | 45.3 |
| Shipments.....rel. to 1922-24.. | 32.9 | 26.2 | 29.6 | 37.4 | 55.7 | 90.4 | 118.6 | 69.7 | 72.9 | 55.4 | 54.7 | 102.6 | 76.5 |
| Unfilled orders, end of month.....rel. to 1922-24.. | 40.8 | 56.8 | 35.6 | 32.1 | 51.8 | 70.1 | 123.8 | 180.1 | 314.6 | 93.5 | 94.6 | 82.3 | 124.9 |

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **IRON AND STEEL—Continued** | | | | | | | | | | | | | |
| **Machinery—Continued** | | | | | | | | | | | | | |
| Machine tools: | | | | | | | | | | | | | |
| New orders.....rel. to 1922-24.. | 51 | 45 | 56 | 72 | 62 | 74 | 87 | 105 | 118 | 84 | 67 | 69 | 60 |
| Shipments.....rel. to 1922-24.. | 50 | 85 | 92 | 96 | 72 | 95 | 96 | 91 | 92 | 73 | 75 | 85 | 67 |
| Unfilled orders, end of month.....rel. to 1922-24.. | 97 | 97 | 140 | 182 | 202 | 212 | 232 | 238 | 225 | 204 | 179 | 203 | 230 |
| Oil burners: | | | | | | | | | | | | | |
| New orders.....no. of burners.. | 5,852 | 13,542 | 12,329 | 10,621 | 8,010 | 6,046 | 5,132 | 5,528 | 4,836 | 3,699 | 3,842 | 5,026 | 6,861 |
| Shipments.....no. of burners.. | 6,413 | 14,234 | 12,536 | 10,035 | 7,491 | 6,044 | 5,562 | 5,248 | 4,406 | 3,531 | 4,046 | 5,025 | 7,855 |
| Stocks, end of month.....no. of burners.. | 8,860 | 8,326 | 9,748 | 10,155 | 10,113 | 9,193 | 8,553 | 10,036 | 8,603 | 8,645 | 8,572 | 8,604 | 8,319 |
| Unfilled orders, end of month.....no. of burners.. | 616 | 1,177 | 1,869 | 2,076 | 1,490 | 971 | 969 | 1,399 | 1,119 | 689 | 521 | 725 | 724 |
| Patents granted: | | | | | | | | | | | | | |
| Agricultural implements.....number.. | 79 | 54 | 62 | 54 | 55 | 79 | 60 | 67 | 67 | 44 | 41 | 58 | 52 |
| Internal-combustion engines.....number.. | 44 | 57 | 66 | 69 | 60 | 67 | 58 | 68 | 68 | 76 | 58 | 67 | 54 |
| Total, all classes.....number.. | 4,163 | 4,074 | 4,750 | 4,088 | 3,962 | 5,270 | 4,270 | 4,167 | 4,789 | 3,715 | 3,215 | 4,251 | 3,023 |
| Pulverized-fuel equipment: | | | | | | | | | | | | | |
| New orders, central system— | | | | | | | | | | | | | |
| Furnaces and kilns.no. of pulverizers.. | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Water-tube boilers.no. of pulverizers.. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 0 | 0 |
| New orders, unit system— | | | | | | | | | | | | | |
| Fire-tube boilers...no. of pulverizers.. | 0 | 2 | 4 | 4 | 5 | 4 | 3 | 1 | 2 | 3 | 6 | 0 | 5 |
| Furnaces and kilns.no. of pulverizers.. | 0 | 0 | 1 | 1 | 1 | 3 | 1 | 1 | 2 | 0 | 0 | 3 | 2 |
| Water-tube boilers.no. of pulverizers.. | 5 | 1 | 3 | 4 | 11 | 14 | 0 | 9 | 13 | 2 | 8 | 3 | 15 |
| Pumps (water): | | | | | | | | | | | | | |
| Domestic shipments— | | | | | | | | | | | | | |
| Pitcher, hand, and windmill.....no. of units.. | ---------- | 17,677 | 20,490 | 22,379 | 24,579 | 26,330 | 22,417 | 24,255 | 25,181 | 32,902 | 24,873 | 23,056 | 21,562 |
| Power, horizontal type..no. of units.. | ---------- | 1,032 | 1,063 | 2,197 | 2,312 | 2,229 | 2,135 | 2,145 | 1,772 | 1,657 | 1,564 | 1,325 | 1,238 |
| Steam, power, and centrifugal— | | | | | | | | | | | | | |
| New orders.....thous. of dolls.. | 475 | 563 | 599 | 775 | 874 | 875 | 921 | 1,075 | 950 | 765 | 773 | 1,047 | 967 |
| Shipments.....thous. of dolls.. | 627 | 695 | 886 | 800 | 944 | 1,028 | 1,037 | 918 | 1,636 | 873 | 718 | 1,205 | 1,116 |
| Unfilled orders, end of month.....thous. of dolls.. | 1,852 | 2,023 | 2,161 | 2,450 | 2,441 | 2,471 | 2,605 | 2,762 | 2,616 | 2,717 | 2,826 | 2,812 | 2,975 |
| Pumps (gasoline and other): | | | | | | | | | | | | | |
| Shipments— | | | | | | | | | | | | | |
| Gasoline— | | | | | | | | | | | | | |
| Hand operated.....units.. | ---------- | 2,986 | 2,715 | 3,276 | 4,585 | 5,019 | 6,041 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Power operated.....units.. | ---------- | 3,837 | 3,676 | 4,309 | 5,742 | 7,735 | 10,263 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Other— | | | | | | | | | | | | | |
| Hand operated.....units.. | ---------- | 22,479 | 18,645 | 22,708 | 37,660 | 37,287 | 37,355 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Power operated.....units.. | ---------- | 291 | 458 | 501 | 985 | 1,162 | 1,077 | ---------- | ---------- | ---------- | ---------- | ---------- | ---------- |
| Stokers, mechanical, sales: | | | | | | | | | | | | | |
| Power.....horsepower.. | 13,231 | 20,339 | 22,462 | 31,171 | 20,735 | 29,889 | 23,646 | 18,723 | 17,993 | 13,849 | 25,902 | 11,726 | 21,103 |
| Quantity.....number.. | 62 | 83 | 96 | 132 | 101 | 111 | 80 | 65 | 63 | 66 | 85 | 53 | 71 |
| Water-softening apparatus, shipments.....no. of units.. | 458 | 518 | 500 | 429 | 525 | 567 | 605 | 692 | 756 | 591 | 664 | 566 | 647 |
| Water-systems, shipments.....no. of units.. | ---------- | 6,030 | 6,681 | 7,850 | 7,640 | 8,694 | 9,090 | 7,638 | 6,105 | 5,434 | 6,010 | 5,177 | 6,401 |
| Wood-working machinery: | | | | | | | | | | | | | |
| Cancellations.....thous. of dolls.. | ---------- | 8 | 7 | 6 | 16 | 46 | 21 | 10 | 16 | 13 | 9 | 21 | 16 |
| New orders.....thous. of dolls.. | ---------- | 377 | 345 | 447 | 533 | 503 | 487 | 484 | 527 | 474 | 486 | 470 | 459 |
| Shipments.....thous. of dolls.. | ---------- | 347 | 379 | 572 | 448 | 463 | 513 | 451 | 545 | 491 | 383 | 500 | 506 |
| Shipments.....no. of machines.. | ---------- | 371 | 331 | 513 | 421 | 391 | 393 | 356 | 400 | 421 | 400 | 529 | 442 |
| Unfilled orders, end of month.....thous. of dolls.. | ---------- | 340 | 336 | 356 | 534 | 479 | 516 | 518 | 479 | 502 | 557 | 467 | 520 |
| **NONFERROUS METALS AND PRODUCTS** | | | | | | | | | | | | | |
| Prices, wholesale, metal and metal products.....rel. to 1926.. | 86.2 | 86.5 | 87.2 | 87.1 | 87.5 | 87.4 | 87.8 | 88.7 | 89.0 | 88.9 | 89.3 | 90.0 | 90.2 |
| Production index (Fed. Res. Bd.).....rel. to 1923-25.. | 62 | 65 | 65 | [2] 65 | 65 | 68 | 73 | 73 | [2] 76 | [2] 78 | [2] 77 | 85 | [2] 86 |
| Production index (elec. energy consumed).....rel. to 1923-25.. | 76.0 | 71.0 | 75.0 | 73.3 | 69.3 | 78.6 | 94.0 | 94.6 | 103.5 | 112.3 | 95.0 | 97.8 | 89.6 |
| Stocks, end of month.....rel. to 1923-25.. | 202.7 | [2] 201.9 | 200.9 | 199.9 | 203.3 | 213.7 | 219.3 | 220.4 | 219.9 | 224.4 | 227.4 | 228.1 | 231.1 |
| Stocks, raw materials, end of month.....rel. to 1923-25.. | 169.3 | [2] 163.9 | 152.0 | 147.9 | 137.7 | 127.7 | 122.4 | 126.9 | 144.8 | 130.7 | 130.9 | 129.6 | 139.8 |
| **Raw Materials** | | | | | | | | | | | | | |
| Babbitt metal consumption: | | | | | | | | | | | | | |
| Direct by producers.....thous. of lbs.. | 607 | 552 | 497 | 404 | 511 | 702 | 731 | 716 | 832 | 687 | 766 | 647 | 791 |
| Sale to consumers.....thous. of lbs.. | 1,255 | 1,495 | 1,355 | 1,377 | 1,420 | 1,605 | 1,678 | 1,844 | 1,829 | 1,820 | 2,090 | 1,459 | 1,904 |
| Total apparent.....thous. of lbs.. | 1,062 | 2,047 | 1,852 | 1,781 | 1,932 | 2,307 | 2,409 | 2,560 | 2,661 | 2,507 | 2,856 | 2,107 | 2,695 |
| Copper: | | | | | | | | | | | | | |
| Exports, refined.....short tons.. | 15,215 | 11,429 | 17,201 | 19,271 | 22,381 | 23,244 | 22,951 | 24,179 | 31,536 | 28,947 | 42,192 | 32,208 | 37,773 |
| Domestic shipments, refined..short tons.. | ---------- | ---------- | 40,459 | 45,816 | 43,144 | 50,217 | 45,265 | 54,567 | 74,685 | 60,636 | 60,209 | 69,854 | 62,693 |
| Price, wholesale, electrolytic (N. Y.).....dolls. per lb.. | .0656 | .0678 | .0699 | .0729 | .0770 | .0803 | .0867 | .0939 | .0985 | .0972 | .0984 | .1030 | .1011 |
| Production— | | | | | | | | | | | | | |
| Index (Fed. Res. Bd.).rel. to 1923-25.. | ---------- | ---------- | 60 | 59 | 59 | 67 | 68 | 69 | 70 | 76 | 72 | 76 | 83 |
| Mines.....short tons.. | ---------- | ---------- | 38,088 | 38,925 | 38,228 | 44,473 | 45,580 | 46,452 | 48,702 | 47,504 | 48,059 | 48,726 | 53,141 |
| Refined (N. and S. America).....short tons.. | ---------- | ---------- | 86,704 | 90,190 | 96,408 | 98,275 | 102,695 | 100,501 | 102,058 | 99,853 | 102,458 | 106,366 | 112,646 |
| Smelters.....short tons.. | ---------- | ---------- | 47,012 | 47,246 | 46,503 | 51,652 | 53,734 | 52,085 | 57,922 | 55,229 | 53,429 | 60,022 | 64,816 |
| Stocks (N. and S. America), end of month— | | | | | | | | | | | | | |
| Blister.....short tons.. | ---------- | ---------- | 178,425 | 176,105 | 179,658 | 187,353 | 190,578 | 193,876 | 198,811 | 203,224 | 210,637 | 218,799 | 223,280 |
| Refined.....short tons.. | ---------- | ---------- | 479,896 | 455,775 | 440,417 | 413,474 | 398,667 | 367,921 | 354,205 | 363,629 | 363,827 | 367,175 | 369,832 |
| Refined.....rel. to 1923-25.. | ---------- | ---------- | 423.9 | 402.6 | 389.1 | 365.3 | 352.2 | 325.0 | 312.9 | 321.2 | 321.4 | 324.4 | 326.7 |
| World production, blister.....short tons.. | ---------- | ---------- | 120,689 | 121,655 | 121,504 | 126,722 | 130,486 | 128,877 | 136,958 | 128,685 | 129,390 | 136,252 | 143,214 |
| Lead: | | | | | | | | | | | | | |
| Ore shipments— | | | | | | | | | | | | | |
| Joplin district.....short tons.. | ---------- | ---------- | 2,911 | 3,064 | 2,290 | 1,432 | 1,881 | 1,995 | 3,762 | 2,508 | 2,721 | 2,896 | 3,963 |
| Utah.....short tons.. | 27,535 | 34,807 | 25,305 | 27,711 | 31,577 | 28,806 | 41,576 | 34,816 | 35,498 | 46,902 | 55,331 | 48,705 | 48,400 |
| Production, refined.....short tons.. | 31,671 | 36,546 | 31,966 | 34,144 | 32,157 | 30,708 | 39,519 | 35,498 | 41,775 | 39,464 | 43,405 | 48,517 | 43,423 |
| Production (Fed. Res. Bd.).....rel. to 1923-25.. | 61 | [2] 66 | 67 | 61 | 64 | 60 | 78 | 71 | 79 | 82 | 83 | 92 | [2] 80 |
| Price, pig, desilverized (New York).....dolls. per lb.. | .0394 | .0396 | .0440 | .0440 | .0440 | .0392 | .0382 | .0441 | .0453 | .0455 | .0480 | .0510 | .0510 |
| Receipts in United States, ore.short tons.. | 29,182 | 33,104 | 33,228 | 33,385 | 30,136 | 32,551 | 35,677 | 34,694 | 37,878 | 35,512 | 42,110 | 40,462 | 38,820 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **NONFERROUS METALS AND PRODUCTS**—Continued | | | | | | | | | | | | | |
| **Raw materials**—Continued | | | | | | | | | | | | | |
| Tin: | | | | | | | | | | | | | |
| Deliveries (consumption)....long tons.. | 3,550 | 5,385 | 5,015 | 5,270 | 5,100 | 5,185 | 5,505 | 6,630 | 6,120 | 5,100 | 7,210 | 7,495 | 6,270 |
| Imports (bars, blocks, etc.)....long tons.. | 5,301 | 5,607 | 4,882 | 5,249 | 5,587 | 4,698 | 5,483 | 6,126 | 6,986 | 5,903 | 8,113 | 6,659 | 6,470 |
| Price, wholesale, Straits (New York)....dolls. per lb.. | .2281 | [2] .2276 | .2468 | .2575 | .2502 | .2341 | .2320 | .2512 | .2707 | .2631 | .2610 | .2527 | .2589 |
| Stocks, end of month— | | | | | | | | | | | | | |
| United States....long tons.. | 7,458 | 6,773 | 5,868 | 6,213 | 5,833 | 5,633 | 5,698 | 6,212 | 7,917 | 5,862 | 4,904 | 4,693 | 5,372 |
| World visible supply....long tons.. | 50,583 | 50,602 | 50,722 | 50,987 | 51,707 | 51,626 | 51,231 | 48,462 | 48,607 | 49,339 | 43,619 | 42,498 | 40,811 |
| Zinc: | | | | | | | | | | | | | |
| Ore, Joplin district— | | | | | | | | | | | | | |
| Shipments....short tons.. | | | 17,113 | 20,243 | 12,059 | 14,395 | 22,470 | 27,261 | 17,163 | 25,389 | 25,987 | 31,056 | 39,478 |
| Stocks, mines, end of month....short tons.. | | | 81,190 | 79,533 | 76,566 | 70,935 | 65,480 | 61,110 | 63,001 | 58,534 | 56,013 | 47,000 | 49,441 |
| Price, slab, prime western (St. Louis)....dolls. per lb.. | .0321 | .0338 | .0374 | .0382 | .0389 | .0342 | .0331 | .0372 | .0400 | .0401 | .0404 | .0410 | .0427 |
| Production....short tons.. | 20,526 | 21,674 | 21,356 | 21,467 | 21,365 | 23,483 | 25,688 | 29,137 | 32,328 | 29,562 | 32,522 | 32,733 | 32,097 |
| Retorts in operation, end of month....number.. | 21,828 | 23,774 | 22,817 | 21,705 | 21,666 | 21,422 | 23,024 | 20,072 | 34,221 | 35,518 | 35,635 | 33,640 | 37,492 |
| Stocks, end of month....short tons.. | 130,865 | 130,666 | 130,155 | 129,701 | 131,833 | 138,928 | 143,049 | 143,212 | 141,493 | 144,389 | 145,076 | 143,618 | 145,139 |
| **Manufactured Products** | | | | | | | | | | | | | |
| Electrical equipment: | | | | | | | | | | | | | |
| Delinquent accounts, electrical trade. (See under Distribution movement.) | | | | | | | | | | | | | |
| Electric furnaces, new orders....kilowatts.. | 1,513 | 1,862 | 1,231 | 3,975 | 1,956 | 1,732 | 2,680 | 1,791 | 2,046 | 2,358 | 4,599 | 1,489 | 2,202 |
| Electric goods, new orders (quarterly)....thous. of dolls.. | | | [1] 157,472 | | | [1] 224,348 | | | [1] 182,486 | | | [1] 208,936 | |
| Electrical porcelain, shipments— | | | | | | | | | | | | | |
| Glazed nail knobs....thous. of pieces.. | | 1,844 | 2,038 | 1,643 | 1,482 | 1,263 | 2,061 | 2,144 | 1,458 | 2,523 | 2,253 | 2,007 | 1,834 |
| Special....dollars.. | 63,044 | 84,617 | 82,485 | 74,183 | 66,906 | 77,194 | 78,983 | 76,313 | 78,716 | 86,471 | 86,976 | 91,564 | 93,677 |
| Standard....dollars.. | 29,449 | 40,171 | 42,562 | 38,303 | 33,042 | 41,331 | 57,462 | 52,009 | 52,599 | 64,823 | 87,794 | 51,016 | 47,994 |
| Tubes....thous. of pieces.. | | 1,000 | 869 | 971 | 516 | 592 | 1,309 | 890 | 783 | 1,125 | 875 | 522 | 801 |
| Unglazed nail knobs thous. of pieces.. | | 1,973 | 1,095 | 901 | 562 | 929 | 2,323 | 1,281 | 1,224 | 1,386 | 1,752 | 1,159 | 1,164 |
| Industrial reflectors, sales....units.. | | 59,103 | 54,691 | 56,735 | 61,794 | 66,188 | 67,256 | 72,003 | 69,484 | 68,285 | 65,501 | 76,659 | 115,736 |
| Laminated phenolic products, shipments....thous. of dolls.. | | 577 | 644 | 637 | 623 | 637 | 711 | 633 | 689 | 630 | 605 | 551 | 674 |
| Manufactured mica— | | | | | | | | | | | | | |
| Shipments....thous. of dolls.. | 73 | 76 | 79 | 103 | 81 | 92 | 128 | 135 | 142 | 137 | 133 | 101 | 132 |
| Unfilled orders, end of month....thous. of dolls.. | 81 | 73 | 81 | 87 | 100 | 97 | 119 | 138 | 110 | 141 | 105 | 104 | 90 |
| Motors (direct current)— | | | | | | | | | | | | | |
| Billings (shipments)....dollars.. | | 387,770 | 365,930 | 365,877 | 360,444 | 450,165 | 455,325 | 473,767 | 445,833 | 418,228 | 393,558 | 500,165 | 433,530 |
| New orders....dollars.. | | 311,793 | 413,864 | 299,081 | 377,129 | 402,130 | 440,476 | 536,272 | 396,958 | 450,204 | 680,251 | 617,454 | 457,518 |
| Nonmetallic conduits, shipments....thous. of feet.. | 1,782 | 2,005 | 3,356 | 4,487 | 2,777 | 2,447 | 4,091 | 5,112 | 3,508 | 3,667 | 3,997 | 2,417 | 3,713 |
| Panelboards and cabinets, shipments....thous. of dolls.. | | 333 | 326 | 367 | 336 | 338 | 339 | 324 | 345 | 373 | 383 | | |
| Power cables, shipments....thous. of feet.. | | 1,137 | 806 | 840 | 890 | 1,106 | 1,303 | 1,519 | 1,636 | 1,326 | 1,139 | 1,678 | 1,824 |
| Power switching equipment, new orders— | | | | | | | | | | | | | |
| Indoor....dollars.. | | 37,547 | 40,586 | 48,707 | 47,041 | 52,697 | 73,567 | 111,875 | 75,303 | 64,736 | 76,052 | 77,248 | 69,202 |
| Outdoor....dollars.. | | 244,122 | 188,043 | 175,629 | 360,325 | 240,081 | 208,713 | 216,145 | 269,425 | 201,344 | 228,862 | 178,160 | 219,232 |
| Vacuum cleaners, shipments....units.. | | 59,074 | 47,142 | 37,952 | 35,447 | 43,011 | 70,303 | 79,527 | 82,279 | 71,551 | 55,362 | 78,611 | 78,626 |
| Vulcanized fiber— | | | | | | | | | | | | | |
| Consumption....thous. of lbs.. | 1,057 | 1,398 | 1,407 | 1,345 | 1,783 | 1,624 | 1,541 | 1,475 | 1,975 | 1,652 | 1,369 | 1,421 | 1,513 |
| Shipments, total....thous. of dolls.. | 262 | 313 | 332 | 348 | 344 | 402 | 419 | 432 | 484 | 426 | 385 | 318 | 359 |
| Welding sets, new orders— | | | | | | | | | | | | | |
| Multiple operations....units.. | | 0 | 0 | 0 | 0 | 2 | 0 | 8 | 11 | 4 | 23 | 13 | 2 |
| Single operation....units.. | | 108 | 115 | 80 | 120 | 134 | 165 | 169 | 177 | 136 | 155 | 152 | 153 |
| Miscellaneous products: | | | | | | | | | | | | | |
| Brass sheets....rel. to 1926.. | | 68.3 | 79.7 | 80.9 | 82.5 | 82.8 | 86.8 | 90.4 | 91.4 | 89.7 | 90.7 | 93.6 | 92.7 |
| Copper-wire cloth— | | | | | | | | | | | | | |
| New orders....thous. of sq. ft.. | 366 | 308 | 339 | 326 | 328 | 275 | 275 | 299 | 357 | 309 | 404 | 337 | 269 |
| Make and hold orders, end of month....thous. of sq. ft.. | 583 | 522 | 509 | 504 | 546 | 560 | 514 | 554 | 557 | 530 | 574 | 539 | 530 |
| Production....thous. of sq. ft.. | 312 | 338 | 333 | 330 | 302 | 253 | 256 | 340 | 330 | 297 | 332 | 344 | 310 |
| Shipments....thous. of sq. ft.. | 254 | 312 | 316 | 330 | 324 | 274 | 277 | 297 | 308 | 304 | 311 | 309 | 303 |
| Stocks, end of month..thous. of sq. ft.. | 953 | 910 | 911 | 889 | 898 | 934 | 1,073 | 1,096 | 1,079 | 1,083 | 1,097 | 1,145 | 1,176 |
| Unfilled orders, end of month....thous. of sq. ft.. | 160 | 129 | 135 | 134 | 158 | 145 | 302 | 174 | 1 6 | 211 | 217 | 165 | 166 |
| Enameled sheet-metal ware, shipments....dozen pieces.. | | 255,782 | 307,068 | 251,544 | 246,858 | 232,672 | 264,953 | 281,339 | 312,916 | 289,205 | 267,232 | 250,568 | 263,365 |
| Pails and tubs, galvanized— | | | | | | | | | | | | | |
| Production....dozen pieces.. | | 98,340 | 110,253 | [2] 134,003 | 103,345 | 92,460 | 121,413 | 143,258 | 147,278 | 132,781 | 103,677 | 87,140 | 60,798 |
| Shipments....dozen pieces.. | | 88,270 | 120,851 | 129,693 | 114,134 | 90,747 | 122,072 | 140,080 | 144,052 | 120,723 | 138,538 | 68,898 | 68,330 |
| Other galvanized ware— | | | | | | | | | | | | | |
| Production....dozen pieces.. | | 26,626 | 32,276 | 34,709 | 26,970 | 26,304 | 28,390 | 34,929 | 31,542 | 34,347 | 23,716 | 21,657 | 16,061 |
| Shipments....dozen pieces.. | | 27,792 | 36,007 | 32,764 | 27,334 | 28,724 | 34,188 | 42,287 | 29,579 | 28,142 | 25,958 | 15,915 | 21,296 |
| **PAPER AND PAPER PRODUCTS** | | | | | | | | | | | | | |
| New orders....rel. to 1923-25.. | | [2] 91.0 | 96.7 | 90.5 | 93.2 | 90.7 | 102.7 | 101.3 | 99.3 | 96.7 | 97.2 | 85.8 | 93.2 |
| Production index (Fed. Res. Bd.)....rel. to 1923-25.. | | [2] 99 | 104 | 105 | 109 | 109 | 113 | 110 | 110 | 110 | 106 | 98 | 103 |
| Production index (elect. energy consumed) (paper and pulp)....rel. to 1923-25.. | 126.1 | 113.0 | 138.3 | 121.7 | 104.0 | 112.4 | 135.1 | 109.6 | 123.0 | 127.0 | 111.8 | 117.0 | 112.3 |
| Stocks, end of month....rel. to 1923-25.. | 123.9 | 122.2 | 128.2 | 128.6 | 128.6 | 129.7 | 126.1 | 131.2 | 123.4 | 128.6 | 125.9 | 122.6 | 121.7 |
| **Wood Pulp** | | | | | | | | | | | | | |
| Ground wood: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | | 110,715 | 106,094 | 100,180 | 111,463 | 118,371 | 118,157 | 116,914 | 111,165 | 96,823 | 108,349 | 109,740 | 110,502 |
| Imports....short tons.. | 21,066 | 21,842 | 18,750 | 14,433 | 17,725 | 13,512 | 12,851 | 23,136 | 14,652 | 15,656 | 14,394 | 27,024 | 21,776 |
| Production....short tons.. | | 104,788 | 96,920 | 87,638 | 102,197 | 121,103 | 136,858 | 136,438 | 116,311 | 95,937 | 107,208 | 110,578 | 102,957 |
| Stocks, end of month....short tons.. | | 76,332 | 82,260 | 91,434 | 103,975 | 115,235 | 111,832 | 93,131 | 73,606 | 68,460 | 69,346 | 75,498 | 74,660 |

[2] Revised.

[1] Quarter ended in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | anuary | December | November |
| **PAPER AND PAPER PRODUCTS**—Con. | | | | | | | | | | | | | |
| **Wood Pulp**—Continued | | | | | | | | | | | | | |
| Soda: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 19, 876 | 21, 558 | 24, 278 | 23, 502 | 23, 572 | 25, 960 | 27, 412 | 27, 660 | 27, 884 | 28, 512 | 27, 128 | 28, 346 |
| Production.....short tons.. | ..... | 21, 226 | 21, 528 | 25, 508 | 24, 362 | 24, 834 | 27, 230 | 28, 102 | 29, 304 | 29, 422 | 29, 102 | 28, 560 | 28, 966 |
| Stocks, end of month.....short tons.. | ..... | 4, 058 | 3, 598 | 4, 620 | 4, 502 | 4, 660 | 4, 480 | 4, 414 | 4, 998 | 4, 624 | 4, 366 | 5, 118 | 4, 936 |
| Sulphite, unbleached: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 21, 170 | 16, 698 | 19, 026 | 17, 544 | 16, 790 | 19, 020 | 21, 178 | 18, 882 | 20, 554 | 20, 194 | 18, 272 | 18, 238 |
| Imports.....short tons.. | 67, 062 | 53, 014 | 49, 314 | 49, 300 | 52, 061 | 52, 745 | 34, 483 | 30, 724 | 34, 289 | 50, 271 | 87, 600 | 63, 870 | 76, 850 |
| Price.....dolls. per 100 lbs.. | ..... | 2. 15 | 2. 15 | 2. 15 | 2. 15 | 2. 15 | 2. 15 | 2. 15 | 2. 35 | 2. 48 | 2. 48 | 2. 48 | 2. 48 |
| Production.....short tons.. | ..... | 19, 814 | 19, 800 | 16, 922 | 17, 924 | 19, 092 | 19, 494 | 21, 076 | 18, 878 | 19, 384 | 20, 354 | 17, 860 | 18, 532 |
| Stocks, end of month.....short tons.. | ..... | 5, 724 | 6, 388 | 5, 052 | 5, 578 | 5, 500 | 4, 256 | 3, 936 | 4, 316 | 4, 320 | 5, 490 | 5, 474 | 5, 886 |
| Sulphite, bleached: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 37, 090 | 35, 784 | 37, 818 | 35, 448 | 38, 080 | 37, 440 | 37, 272 | 40, 544 | 43, 090 | 41, 616 | 38, 844 | 40, 634 |
| Imports.....short tons.. | 35, 736 | 29, 169 | 34, 943 | 29, 510 | 23, 109 | 29, 558 | 28, 614 | 30, 511 | 32, 863 | 25, 592 | 36, 095 | 30, 322 | 30, 595 |
| Production.....short tons.. | ..... | 37, 080 | 36, 232 | 37, 736 | 35, 262 | 39, 048 | 38, 262 | 36, 092 | 40, 600 | 40, 462 | 41, 402 | 38, 698 | 40, 938 |
| Stocks, end of month.....short tons.. | ..... | 6, 156 | 6, 166 | 5, 718 | 5, 800 | 5, 986 | 5, 018 | 4, 196 | 5, 376 | 5, 320 | 7, 948 | 9, 206 | 9, 352 |
| Total sulphite: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 112, 224 | 105, 666 | 108, 924 | 105, 294 | 111, 282 | 110, 722 | 115, 960 | 115, 794 | 117, 122 | 121, 774 | 116, 830 | 120, 780 |
| Production.....short tons.. | ..... | 109, 894 | 109, 558 | 107, 430 | 107, 664 | 115, 200 | 110, 840 | 115, 974 | 115, 022 | 112, 552 | 120, 628 | 117, 158 | 121, 276 |
| Stocks, end of month.....short tons.. | ..... | 24, 198 | 25, 836 | 23, 710 | 23, 626 | 21, 558 | 18, 698 | 18, 734 | 18, 998 | 19, 770 | 24, 340 | 28, 720 | 28, 392 |
| Sulphate: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 37, 174 | 35, 202 | 36, 630 | 38, 156 | 39, 828 | 39, 590 | 39, 082 | 34, 014 | 35, 880 | 33, 722 | 33, 190 | 34, 110 |
| Production.....short tons.. | ..... | 39, 004 | 36, 866 | 38, 522 | 39, 228 | 40, 948 | 41, 870 | 41, 292 | 36, 542 | 38, 104 | 36, 674 | 36, 204 | 37, 208 |
| Stocks, end of month.....short tons.. | ..... | 3, 848 | 4, 604 | 5, 384 | 6, 050 | 7, 524 | 9, 076 | 9, 594 | 10, 152 | 10, 092 | 10, 426 | 10, 006 | 9, 494 |
| Other grades: | | | | | | | | | | | | | |
| Consumption and shipments..short tons.. | ..... | 1, 168 | 986 | 754 | 1, 078 | 778 | 1, 072 | 844 | 1, 184 | 1, 016 | 1, 258 | ..... | ..... |
| Production.....short tons.. | ..... | 1, 062 | 942 | 890 | 1, 202 | 774 | 514 | 898 | 1, 188 | 1, 098 | 1, 190 | ..... | ..... |
| Stocks, end of month.....short tons.. | ..... | 312 | 418 | 462 | 326 | 202 | 206 | 764 | 710 | 706 | 624 | ..... | ..... |
| Total chemical (all grades): | | | | | | | | | | | | | |
| Consumption.....short tons.. | ..... | 170, 442 | 163, 412 | 170, 586 | 168, 030 | 175, 460 | 177, 344 | 183, 298 | 178, 652 | 181, 902 | 185, 266 | 177, 272 | 183, 346 |
| Production.....short tons.. | ..... | 171, 186 | 168, 894 | 172, 350 | 172, 456 | 181, 756 | 180, 454 | 186, 266 | 182, 056 | 181, 176 | 187, 594 | 182, 014 | 187, 572 |
| Stocks, end of month.....short tons.. | ..... | 32, 416 | 34, 456 | 34, 176 | 34, 504 | 33, 944 | 32, 460 | 33, 506 | 34, 858 | 35, 192 | 39, 756 | 43, 872 | 42, 882 |
| **Paper** | | | | | | | | | | | | | |
| Box board: | | | | | | | | | | | | | |
| Consumption of waste paper..short tons.. | ..... | 209, 903 | 205, 084 | 200, 138 | 213, 686 | 208, 513 | 227, 125 | 206, 511 | 210, 500 | 191, 331 | 199, 229 | 162, 528 | 190, 502 |
| New orders.....short tons.. | ..... | 218, 527 | 235, 382 | 215, 752 | 221, 048 | 223, 990 | 236, 173 | 224, 021 | 222, 511 | 198, 296 | 211, 782 | 173, 258 | 200, 199 |
| Operation.....thous. of inch hours.. | ..... | 7, 840 | 7, 946 | 7, 685 | 8, 114 | 8, 200 | 8, 727 | 7, 903 | 8, 175 | 7, 345 | 7, 520 | 6, 261 | 7, 114 |
| Operation.....p. ct. of capacity.. | ..... | 64. 8 | 70. 9 | 65. 9 | 69. 6 | 70. 3 | 77. 8 | 67. 8 | 70. 1 | 71. 2 | 64. 5 | 53. 1 | 65. 3 |
| Production.....short tons.. | ..... | 218, 157 | 221, 684 | 213, 614 | 222, 927 | 224, 110 | 232, 020 | 230, 537 | 226, 011 | 205, 785 | 211, 691 | 176, 483 | 203, 381 |
| Shipments.....short tons.. | ..... | 218, 489 | 221, 261 | 218, 244 | 221, 980 | 223, 328 | 231, 746 | 227, 806 | 224, 023 | 203, 202 | 209, 660 | 175, 170 | 202, 042 |
| Stocks, end of month.....short tons.. | ..... | 79, 248 | 79, 580 | 79, 157 | 83, 787 | 82, 840 | 82, 058 | 81, 784 | 79, 053 | 77, 065 | 74, 482 | 72, 451 | 71, 138 |
| Stocks of waste paper, end of month— | | | | | | | | | | | | | |
| In transit and unshipped purchases.....short tons.. | ..... | 36, 055 | 45, 386 | 47, 549 | 47, 052 | 50, 558 | 39, 209 | 25, 026 | 51, 301 | 35, 229 | 34, 510 | 34, 292 | 30, 649 |
| At mills.....short tons.. | ..... | 151, 658 | 149, 029 | 148, 042 | 166, 006 | 169, 570 | 182, 812 | 167, 478 | 167, 846 | 191, 507 | 197, 699 | 201, 597 | 184, 598 |
| Unfilled orders, end of month..short tons.. | ..... | 61, 365 | 61, 327 | 47, 206 | 49, 698 | 50, 630 | 49, 968 | 45, 541 | 49, 326 | 50, 838 | 55, 744 | 53, 622 | 55, 534 |
| Newsprint: | | | | | | | | | | | | | |
| Consumption by publishers, United States.....short tons.. | 174, 092 | 173, 852 | 152, 422 | 146, 249 | 157, 119 | 161, 265 | 179, 836 | 174, 325 | 179, 340 | 150, 403 | 160, 660 | 166, 645 | 184, 615 |
| Exports, Canada.....short tons.. | 171, 151 | 171, 031 | 161, 171 | 160, 175 | 157, 205 | 189, 739 | 185, 432 | 152, 360 | 200, 545 | 144, 236 | 153, 362 | 225, 495 | 173, 149 |
| Imports. United States.....short tons.. | ..... | 180, 230 | 159, 946 | 157, 037 | 173, 457 | 188, 919 | 192, 688 | 175, 242 | 169, 345 | 148, 388 | 172, 110 | 194, 144 | 195, 953 |
| Price, roll, destination, N. Y.....dolls. per short tons.. | ..... | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 57. 00 | 62. 00 | 62. 00 |
| Production— | | | | | | | | | | | | | |
| Canada.....short tons.. | 175, 643 | 184, 252 | 178, 412 | 165, 124 | 182, 731 | 193, 971 | 202, 607 | 205, 838 | 187, 005 | 164, 552 | 182, 657 | 184, 755 | 201, 703 |
| United States, total.....short tons.. | 94, 149 | 97, 117 | 91, 241 | 88, 344 | 99, 548 | 101, 086 | 101, 202 | 102, 450 | 100, 590 | 88, 788 | 101, 990 | 99, 276 | 92, 337 |
| Per cent of capacity.....per cent.. | 66 | 63 | 64 | 59 | 67 | 68 | 69 | 70 | 68 | 65 | 69 | 69 | 68 |
| Shipments— | | | | | | | | | | | | | |
| Canada.....short tons.. | 173, 601 | 191, 725 | 178, 181 | 162, 303 | 175, 350 | 194, 144 | 202, 280 | 205, 752 | 187, 730 | 162, 350 | 180, 027 | 188, 845 | 213, 673 |
| United States.....short tons.. | 93, 723 | 98, 616 | 90, 303 | 89, 047 | 97, 225 | 100, 087 | 102, 555 | 101, 819 | 101, 044 | 90, 901 | 100, 440 | 99, 062 | 93, 631 |
| Stocks, end of month— | | | | | | | | | | | | | |
| At mills— | | | | | | | | | | | | | |
| Canada.....short tons.. | 48, 735 | 42, 963 | 50, 451 | 49, 128 | 47, 288 | 39, 832 | 39, 962 | 39, 754 | 39, 850 | 42, 259 | 38, 768 | 36, 777 | 40, 372 |
| United States.....short tons.. | 32, 398 | 31, 953 | 33, 517 | 32, 607 | 33, 616 | 33, 906 | 32, 956 | 34, 289 | 32, 254 | 33, 627 | 32, 903 | 32, 061 | 31, 818 |
| At publishers, U. S.....short tons.. | 187, 839 | 190, 367 | 197, 716 | 202, 121 | 203, 944 | 189, 990 | 178, 333 | 185, 560 | 190, 728 | 211, 142 | 217, 889 | 217, 651 | 198, 151 |
| In transit to publishers, United States.....short tons.. | 42, 064 | 38, 022 | 34, 379 | 30, 879 | 34, 566 | 39, 041 | 44, 859 | 45, 352 | 44, 011 | 39, 486 | 39, 022 | 38, 821 | 50, 539 |
| Other paper: | | | | | | | | | | | | | |
| Binders' board, production....short tons.. | ..... | ..... | 1, 323 | 1, 695 | 2, 069 | 1, 535 | 1, 486 | 1, 809 | 1, 401 | 1, 543 | 1, 515 | 1, 477 | 1, 317 |
| Book paper: | | | | | | | | | | | | | |
| Production.....short tons.. | ..... | 102, 111 | 98, 563 | 106, 439 | 106, 015 | 113, 022 | 117, 609 | 117, 374 | 117, 964 | 114, 306 | 125, 335 | 100, 188 | 93, 897 |
| Per cent of capacity.....per cent.. | ..... | 66 | 69 | 71 | 71 | 77 | 78 | 79 | 80 | 85 | 79 | 75 | 73 |
| Shipments.....short tons.. | ..... | 103, 379 | 101, 323 | 104, 097 | 107, 075 | 111, 327 | 113, 140 | 118, 782 | 119, 026 | 117, 849 | 127, 466 | 101, 090 | 93, 428 |
| Stocks, end of month.....short tons.. | ..... | 85, 594 | 89, 440 | 92, 684 | 89, 984 | 90, 985 | 92, 464 | 87, 395 | 89, 088 | 90, 353 | 94, 413 | 114, 302 | 115, 340 |
| New orders— | | | | | | | | | | | | | |
| Coated...p. ct. of normal production.. | ..... | 56 | 57 | 53 | 58 | 52 | 70 | 76 | 64 | 76 | 66 | 65 | 63 |
| Uncoated..p. ct. of normal production.. | ..... | 57 | 59 | 61 | 60 | 65 | 67 | 68 | 74 | 76 | 75 | 69 | 67 |
| Unfilled orders, end of month— | | | | | | | | | | | | | |
| Coated.....days' production.. | ..... | 4 | 5 | 5 | 6 | 5 | 7 | 7 | 6 | 8 | 6 | 7 | 7 |
| Uncoated.....days' production.. | ..... | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 |
| Fine paper: | | | | | | | | | | | | | |
| Production.....short tons.. | ..... | 27, 793 | 26, 443 | 26, 386 | 26, 408 | 29, 364 | 30, 793 | 32, 451 | 35, 141 | 32, 534 | 32, 835 | 25, 485 | 29, 085 |
| Per cent of capacity.....per cent.. | ..... | 56 | 55 | 55 | 55 | 59 | 64 | 67 | 74 | 73 | 66 | 52 | 64 |
| Shipments.....short tons.. | ..... | 29, 071 | 27, 606 | 27, 441 | 27, 728 | 28, 395 | 31, 501 | 33, 100 | 33, 981 | 32, 339 | 34, 707 | 24, 873 | 28, 387 |
| Stocks, end of month.....short tons.. | ..... | 54, 496 | 57, 489 | 58, 658 | 59, 723 | 62, 725 | 61, 758 | 62, 459 | 62, 905 | 61, 340 | 61, 148 | 68, 310 | 67, 701 |
| Wrapping paper: | | | | | | | | | | | | | |
| Production.....short tons.. | ..... | 73, 347 | [2] 72, 107 | 78, 360 | 78, 074 | 78, 174 | 78, 377 | 79, 261 | 75, 404 | 72, 281 | 71, 826 | 74, 554 | 76, 628 |
| Per cent of capacity.....per cent.. | ..... | 79 | 81 | 90 | 88 | 87 | 88 | 91 | 85 | 88 | 82 | 78 | 83 |
| Shipments.....short tons.. | ..... | 72, 027 | 69, 151 | 76, 479 | 78, 777 | 76, 845 | 76, 888 | 80, 371 | 76, 083 | 71, 920 | 71, 970 | 73, 137 | 77, 701 |
| Stocks, end of month.....short tons.. | ..... | 81, 318 | [2] 80, 021 | 77, 047 | 75, 146 | 76, 051 | 78, 107 | 76, 582 | 77, 718 | 78, 404 | 78, 047 | 72, 333 | 70, 881 |
| All other grades: | | | | | | | | | | | | | |
| Production.....short tons.. | ..... | 77, 934 | 77, 505 | [2] 78, 271 | 74, 728 | 75, 655 | 78, 509 | 80, 983 | 74, 123 | 70, 054 | 78, 378 | 75, 094 | 77, 846 |
| Shipments.....short tons.. | ..... | 83, 425 | 79, 574 | 81, 315 | 74, 062 | 75, 895 | 83, 882 | 81, 268 | 74, 186 | 69, 735 | 72, 122 | 71, 717 | 78, 349 |
| Stocks, end of month.....short tons.. | ..... | 64, 500 | 66, 020 | 68, 192 | 70, 755 | 69, 174 | 68, 734 | 71, 545 | 69, 540 | 67, 618 | 65, 594 | 65, 777 | 62, 400 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **PAPER AND PAPER PRODUCTS**—Con. | | | | | | | | | | | | | |
| **Paper**—Continued | | | | | | | | | | | | | |
| Total paper (including newsprint and box board): | | | | | | | | | | | | | |
| Production.....short tons.. | ..... | 596,459 | [2]587,543 | 591,414 | 607,700 | 621,411 | 638,510 | 643,056 | 629,233 | 583,748 | 622,055 | 551,080 | 573,174 |
| Per cent of capacity.....per cent.. | ..... | 67 | 70 | 67 | 70 | 71 | 72 | 74 | 73 | 71 | 66 | 65 | 69 |
| Shipments.....short tons.. | ..... | 604,007 | [2]589,218 | 596,623 | 606,847 | 615,877 | 639,712 | 643,146 | 628,343 | 585,946 | 621,365 | 545,049 | 573,538 |
| Stocks, end of month.....short tons.. | ..... | 397,109 | [2]406,067 | 408,345 | 413,011 | 415,681 | 416,077 | 414,054 | 410,558 | 408,407 | 406,587 | 425,234 | 419,278 |
| **Paper Products** | | | | | | | | | | | | | |
| Abrasive paper and cloth: | | | | | | | | | | | | | |
| Shipments— | | | | | | | | | | | | | |
| Domestic.....reams.. | 38,272 | 53,348 | 53,373 | 54,721 | 51,948 | 54,431 | 62,268 | 65,452 | 64,910 | 56,004 | 53,752 | ..... | ..... |
| Foreign.....reams.. | 5,323 | 6,942 | 6,552 | [3]7,119 | 7,832 | 8,705 | [3]8,218 | 9,525 | 9,528 | 8,261 | 9,290 | ..... | ..... |
| Paper-board shipping boxes: | | | | | | | | | | | | | |
| Operating time— | | | | | | | | | | | | | |
| Corrugated.....p. ct. of normal.. | 70 | 81 | 82 | 80 | 78 | 81 | 84 | 81 | 79 | 78 | 63 | 60 | 70 |
| Solid fiber.....p. ct. of normal.. | 57 | 66 | 71 | 68 | 68 | 71 | 65 | 67 | 62 | 61 | 54 | 58 | 57 |
| Total.....p. ct. of normal.. | 67 | 77 | 79 | 77 | 76 | 79 | 79 | 78 | 75 | 74 | 61 | 60 | 67 |
| Production— | | | | | | | | | | | | | |
| Corrugated.....thous. of sq. ft.. | 346,527 | 438,296 | 448,910 | 449,285 | 402,031 | 416,282 | 417,407 | 401,874 | 391,043 | 382,305 | 305,274 | 283,933 | 347,876 |
| Solid fiber.....thous. of sq. ft.. | 82,788 | 101,997 | 103,740 | 106,800 | 95,582 | 99,754 | 100,301 | 102,609 | 93,875 | 91,966 | 77,921 | 75,507 | 80,360 |
| Total.....thous. of sq. ft.. | 429,315 | 540,293 | 552,650 | 556,085 | 497,613 | 516,036 | 517,708 | 504,483 | 484,938 | 474,271 | 383,195 | 359,440 | 428,236 |
| Rope paper sacks, shipments..rel. to 1921-22.. | 64 | 69 | 75 | 67 | 65 | 44 | 55 | 60 | 65 | 77 | 84 | 66 | 79 |
| **PRINTING** | | | | | | | | | | | | | |
| Blank forms, new orders.....thous. of sets.. | 48,309 | 57,819 | 47,351 | 45,455 | 50,357 | 48,322 | 55,266 | 48,877 | 52,887 | 48,751 | 50,587 | 69,004 | 47,878 |
| Book production: | | | | | | | | | | | | | |
| New books.....no. of titles.. | ..... | 1,070 | 735 | 770 | 568 | 586 | 708 | 640 | 746 | 678 | 625 | ..... | ..... |
| New editions.....no. of titles.. | ..... | 157 | 147 | 194 | 150 | 117 | 178 | 220 | 107 | 136 | 150 | ..... | ..... |
| Printing activity.....rel. to 1923.. | ..... | 79 | 83 | 76 | 77 | 84 | 96 | 97 | 98 | 96 | 95 | 95 | 91 |
| Sales books: | | | | | | | | | | | | | |
| New orders.....thous. of books.. | 9,974 | 10,663 | 10,275 | 10,511 | 10,321 | 10,514 | 11,587 | 10,284 | 11,204 | 10,054 | 10,735 | 9,455 | 11,053 |
| Shipments.....thous. of books.. | 9,546 | 10,664 | 11,241 | 10,501 | 9,997 | 10,382 | 10,585 | 11,079 | 10,669 | 10,652 | 10,454 | 10,893 | 10,723 |
| **RUBBER AND RUBBER PRODUCTS** | | | | | | | | | | | | | |
| Production index (Fed. Res. Bd.), auto tires and tubes...rel. to 1923-25.. | ..... | 74 | 79 | 90 | 112 | 126 | 123 | 107 | 98 | 94 | 88 | 73 | 77 |
| Production index (elect. energy consumed).....rel. to 1923-25.. | 93.5 | 82.8 | 88.0 | 98.5 | 97.4 | 121.0 | 122.3 | 109.0 | 109.6 | 112.9 | 99.0 | 84.3 | 86.1 |
| Stocks, end of month.....rel. to 1923-25.. | 94.5 | 96.4 | [3]94.3 | 102.4 | 112.8 | 121.0 | 120.6 | 118.1 | 118.4 | 113.0 | 107.4 | 110.6 | 115.5 |
| **Crude Rubber** | | | | | | | | | | | | | |
| Consumption, quarterly: | | | | | | | | | | | | | |
| Total.....long tons.. | ..... | ..... | [3]76,941 | ..... | ..... | [3]99,135 | ..... | ..... | [3]82,480 | ..... | ..... | [3]66,258 | ..... |
| For tires.....long tons.. | ..... | ..... | [3]61,283 | ..... | ..... | [3]83,894 | ..... | ..... | [3]68,593 | ..... | ..... | [3]52,284 | ..... |
| Imports (including latex).....long tons.. | 45,103 | 41,398 | 38,933 | 39,033 | 44,052 | 46,939 | 35,844 | 44,908 | 40,788 | 34,374 | 36,598 | 37,370 | 29,733 |
| Prices, wholesale, smoked sheets, New York.....dolls. per lb.. | .046 | .050 | .050 | .054 | .063 | .063 | .064 | .064 | .077 | .076 | .082 | .089 | .089 |
| Stocks, domestic, end of quarter: | | | | | | | | | | | | | |
| Afloat.....long tons.. | ..... | ..... | [3]46,770 | ..... | ..... | [3]52,658 | ..... | ..... | [3]49,471 | ..... | ..... | [3]44,286 | ..... |
| Dealers.....long tons.. | ..... | ..... | [3]43,525 | ..... | ..... | [3]43,711 | ..... | ..... | [3]49,613 | ..... | ..... | [3]58,804 | ..... |
| Manufacturers.....long tons.. | ..... | ..... | [3]171,296 | ..... | ..... | [3]139,613 | ..... | ..... | [3]138,140 | ..... | ..... | [3]129,575 | ..... |
| Total, dealers and manufacturers.....long tons.. | ..... | ..... | [3]214,821 | ..... | ..... | [3]183,324 | ..... | ..... | [3]187,753 | ..... | ..... | [3]188,379 | ..... |
| World shipments, plantation.....long tons.. | 72,000 | 71,511 | 66,529 | 65,392 | 66,600 | 62,090 | 68,628 | 63,395 | 71,218 | 65,719 | 65,714 | 65,661 | 63,065 |
| World stocks, end of month: | | | | | | | | | | | | | |
| Afloat.....long tons.. | 87,000 | 86,465 | 84,644 | 84,156 | 90,768 | 86,867 | 93,379 | 78,159 | 88,959 | 86,469 | 82,687 | 81,479 | 80,236 |
| Europe.....long tons.. | 132,625 | 136,638 | [2]137,597 | 140,192 | 139,261 | 140,265 | 143,747 | 142,520 | 137,452 | 130,247 | 127,553 | 121,131 | 119,010 |
| Producing countries.....long tons.. | 42,415 | 41,054 | 39,253 | [3]42,779 | 43,364 | 43,760 | 41,176 | 42,806 | 45,782 | 43,958 | 43,154 | 36,118 | 37,564 |
| United States.....long tons.. | 296,305 | 275,750 | 258,352 | 234,627 | 235,746 | 225,346 | 219,405 | 224,211 | 215,523 | 210,611 | 207,085 | 201,000 | 190,617 |
| World total.....long tons.. | 558,345 | 539,907 | 519,846 | [2]511,754 | 509,139 | 496,238 | 497,707 | 487,696 | 487,716 | 471,285 | 460,479 | 439,728 | 427,427 |
| Reclaimed rubber: | | | | | | | | | | | | | |
| Production.....long tons.. | ..... | 8,818 | 8,955 | 9,402 | 10,593 | 13,082 | 12,535 | 12,338 | 12,032 | 10,110 | 9,728 | 9,469 | 10,117 |
| Stocks.....long tons.. | ..... | 14,273 | 13,781 | 13,732 | 14,176 | 14,804 | 14,431 | 14,685 | 14,700 | 15,102 | 16,373 | 17,526 | 17,525 |
| Scrap rubber: | | | | | | | | | | | | | |
| Consumption by reclaimers....long tons.. | ..... | 6,338 | 6,967 | 7,778 | 8,929 | 10,175 | 10,220 | 9,161 | 9,769 | 8,424 | 8,582 | 6,759 | 7,053 |
| Stocks at reclaimers, end of quarter.....long tons.. | ..... | ..... | [3]60,406 | ..... | ..... | [3]59,103 | ..... | ..... | [3]57,198 | ..... | ..... | [3]59,464 | ..... |
| **Tires and Tubes** | | | | | | | | | | | | | |
| Pneumatic casings: | | | | | | | | | | | | | |
| Production.....thousands.. | ..... | 2,379 | 2,538 | 3,125 | 3,941 | 4,538 | 4,543 | 3,955 | 3,730 | 3,188 | 2,940 | 2,251 | 2,123 |
| Shipments— | | | | | | | | | | | | | |
| Domestic.....thousands.. | ..... | 2,185 | 3,034 | 3,845 | 4,244 | 4,320 | 4,197 | 3,894 | 3,143 | 2,580 | 2,855 | 2,550 | 2,119 |
| Exports.....thousands.. | ..... | 96 | 111 | 123 | 125 | 137 | 135 | 142 | 155 | 142 | 140 | 139 | 148 |
| Stocks, end of month.....thousands.. | ..... | 6,640 | 6,527 | 7,117 | 7,936 | 8,358 | 8,250 | 8,025 | 8,012 | 7,629 | 7,166 | 7,203 | 7,676 |
| Solid and cushion tires: | | | | | | | | | | | | | |
| Production.....thousands.. | ..... | 11 | 10 | 12 | 13 | 12 | 11 | 12 | 11 | 11 | 13 | 13 | 13 |
| Shipments— | | | | | | | | | | | | | |
| Domestic.....thousands.. | ..... | 13 | 12 | 15 | 15 | 14 | 14 | 14 | 15 | 12 | 12 | 12 | 13 |
| Exports.....thousands.. | ..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Stocks, end of month.....thousands.. | ..... | 43 | 46 | 51 | 55 | 57 | 61 | 64 | 69 | 73 | 75 | 76 | 76 |
| Inner tubes: | | | | | | | | | | | | | |
| Production.....thousands.. | ..... | 2,462 | 2,759 | 3,548 | 3,964 | 4,286 | 4,330 | 3,693 | 3,560 | 3,133 | 2,898 | 2,448 | 2,144 |
| Shipments— | | | | | | | | | | | | | |
| Domestic.....thousands.. | ..... | 2,187 | 3,247 | 4,158 | 4,569 | 4,228 | 4,135 | 3,610 | 2,922 | 2,619 | 3,147 | 2,634 | 2,147 |
| Exports.....thousands.. | ..... | 63 | 73 | 82 | 96 | 89 | 89 | 99 | 109 | 101 | 102 | 96 | 84 |
| Stocks, end of month.....thousands.. | ..... | 6,657 | 6,476 | 7,019 | 7,672 | 8,403 | 8,439 | 8,330 | 8,380 | 7,937 | 7,552 | 7,999 | 8,250 |
| Raw material consumed: | | | | | | | | | | | | | |
| Fabrics.....thous. of lbs.. | ..... | 9,263 | 9,585 | 11,745 | 15,140 | 17,085 | 18,010 | 15,244 | 14,041 | 12,002 | 12,738 | 8,358 | 8,418 |
| Crude rubber.....thous. of lbs.. | ..... | 28,372 | 29,854 | 36,232 | 46,697 | 51,280 | 53,418 | 45,016 | 41,851 | 36,651 | 36,319 | 25,537 | 26,253 |
| **Miscellaneous Rubber Products** | | | | | | | | | | | | | |
| Calendered rubber clothing: | | | | | | | | | | | | | |
| Net orders.....no. coats and sundries.. | 14,341 | 20,925 | 23,966 | 21,580 | 17,932 | 21,161 | 19,380 | 16,846 | 19,380 | 16,361 | 21,884 | 12,881 | 15,493 |
| Production.....no. coats and sundries.. | 23,225 | 19,773 | 22,728 | 27,080 | 14,431 | 15,419 | 18,094 | 16,803 | 19,220 | 18,276 | 13,059 | 20,791 | 22,623 |

[2] Revised. [3] Quarter ended in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **RUBBER—Continued** | | | | | | | | | | | | | |
| **Miscellaneous Rubber Products—Con.** | | | | | | | | | | | | | |
| Mechanical rubber goods, shipments: | | | | | | | | | | | | | |
| Belting ... thous. of dolls. | | 601 | 788 | 802 | 914 | 798 | 790 | 832 | 889 | 722 | 759 | 675 | 779 |
| Hose ... thous. of dolls. | | 972 | 1,041 | 1,161 | 1,436 | 1,650 | 1,857 | 2,129 | 1,892 | 1,611 | 1,440 | 1,337 | 1,276 |
| All other ... thous. of dolls. | | 1,105 | 1,186 | 1,393 | 1,356 | 1,431 | 1,584 | 1,656 | 1,631 | 1,378 | 1,409 | 1,326 | 1,345 |
| Total ... thous. of dolls. | | 2,678 | 3,015 | 3,356 | 3,706 | 3,879 | 4,231 | 4,617 | 4,412 | 3,711 | 3,599 | 3,338 | 3,400 |
| Rubber bands, shipments ... thous. of lbs. | 197 | 225 | 201 | 195 | 246 | 209 | 215 | 259 | 231 | 222 | 211 | 165 | 165 |
| Rubber flooring, shipments ... thous. of sq. ft. | 462 | 550 | 595 | 595 | 577 | 576 | 569 | 569 | 496 | 366 | 365 | 597 | 432 |
| Rubber and canvas footwear: | | | | | | | | | | | | | |
| Tennis— | | | | | | | | | | | | | |
| Production ... thous. of pairs | | 1,231 | 1,012 | 1,021 | 836 | 1,999 | 2,142 | 2,591 | 2,609 | 2,492 | 2,409 | 1,875 | 1,940 |
| Shipments, domestic ... thous. of pairs | | 589 | 1,263 | 1,223 | 1,520 | 2,657 | 3,316 | 4,049 | 3,107 | 2,688 | 2,377 | 871 | 319 |
| Exports ... thous. of pairs | | 44 | 72 | 29 | 125 | 100 | 121 | 150 | 236 | 200 | 110 | 175 | 148 |
| Stocks ... thous. of pairs | | 6,076 | 5,473 | 5,704 | 5,957 | 6,766 | 7,823 | 8,833 | 10,328 | 11,047 | 11,447 | 11,633 | 10,712 |
| Waterproof, total— | | | | | | | | | | | | | |
| Production ... thous. of pairs | | 3,131 | 2,922 | 2,361 | 1,570 | 1,922 | 1,261 | 1,102 | 874 | 958 | 1,272 | 2,214 | 2,736 |
| Shipments, domestic ... thous. of pairs | | 4,318 | 4,185 | 2,842 | 1,510 | 1,229 | 626 | 1,070 | 944 | 1,015 | 1,549 | 3,888 | 4,212 |
| Exports ... thous. of pairs | | 153 | 186 | 151 | 117 | 108 | 50 | 72 | 53 | 92 | 74 | 63 | 135 |
| Stocks ... thous. of pairs | | 13,804 | 15,141 | 16,366 | 16,978 | 17,024 | 16,357 | 15,733 | 15,803 | 16,030 | 16,179 | 17,172 | 18,449 |
| Grand total— | | | | | | | | | | | | | |
| Production ... thous. of pairs | | 4,363 | 3,934 | 3,382 | 2,407 | 3,921 | 3,402 | 3,693 | 3,483 | 3,450 | 3,681 | 4,089 | 4,675 |
| Shipments, domestic ... thous. of pairs | | 4,907 | 5,448 | 4,065 | 3,030 | 3,886 | 3,942 | 5,119 | 4,050 | 3,704 | 3,926 | 4,759 | 4,531 |
| Exports ... thous. of pairs | | 197 | 258 | 180 | 242 | 208 | 171 | 222 | 288 | 292 | 184 | 237 | 282 |
| Stocks ... thous. of pairs | | 19,880 | 20,615 | 22,070 | 22,935 | 23,789 | 23,881 | 24,566 | 26,130 | 27,077 | 27,627 | 28,806 | 29,160 |
| Rubber heels: | | | | | | | | | | | | | |
| Production ... thous. of pairs | | 14,567 | 15,827 | 16,293 | 15,361 | 17,098 | 15,474 | 15,408 | 14,661 | 13,156 | 12,973 | 13,101 | 11,083 |
| Shipments— | | | | | | | | | | | | | |
| Exports ... thous. of pairs | | 617 | 501 | 514 | 540 | 630 | 612 | 578 | 577 | 658 | 748 | 838 | 880 |
| Repair trade ... thous. of pairs | | 5,924 | 6,994 | 5,355 | 4,058 | 4,946 | 3,975 | 4,038 | 4,868 | 4,854 | 3,939 | 3,450 | 4,473 |
| Shoe manufacturers ... thous. of pairs | | 7,484 | 9,724 | 11,653 | 11,177 | 10,522 | 9,693 | 10,112 | 10,991 | 8,397 | 8,471 | 6,618 | 4,578 |
| Stocks, end of month ... thous. of pairs | | 24,652 | 23,952 | 25,832 | 27,006 | 27,898 | 28,491 | 27,764 | 26,708 | 29,335 | 30,302 | 29,741 | 29,130 |
| Rubber-proofed fabrics, production: | | | | | | | | | | | | | |
| Auto fabrics ... thous. of yds. | 394 | 445 | 528 | 596 | 531 | 701 | 982 | 710 | 738 | 644 | 577 | 476 | 532 |
| Raincoat fabrics ... thous. of yds. | 1,267 | 2,476 | 2,988 | 2,226 | 1,843 | 1,355 | 1,066 | 1,040 | 863 | 567 | 738 | 697 | 1,426 |
| All other ... thous. of yds. | 868 | 1,191 | 1,176 | 965 | 963 | 1,156 | 1,002 | 1,271 | 1,168 | 973 | 891 | 736 | 864 |
| Total ... thous. of yds. | 2,529 | 4,112 | 4,692 | 3,787 | 3,337 | 3,212 | 3,050 | 3,381 | 2,769 | 2,184 | 2,206 | 1,909 | 2,822 |
| Rubber soles: | | | | | | | | | | | | | |
| Production ... thous. of pairs | | 2,610 | 2,880 | 2,933 | 2,864 | 3,177 | 2,885 | 2,692 | 2,292 | 2,724 | 2,481 | 3,021 | 1,426 |
| Shipments— | | | | | | | | | | | | | |
| Exports ... thous. of pairs | | 45 | 90 | 67 | 67 | 59 | 62 | 69 | 14 | 36 | 11 | 58 | 60 |
| Repair trade ... thous. of pairs | | 370 | 290 | 234 | 196 | 225 | 330 | 255 | 408 | 290 | 287 | 243 | 280 |
| Shoe manufacturers ... thous. of pairs | | 2,273 | 2,604 | 2,790 | 2,569 | 2,899 | 2,651 | 2,474 | 2,145 | 2,259 | 2,090 | 2,305 | 1,011 |
| Stocks, end of month ... thous. of pairs | | 2,153 | 2,264 | 2,395 | 2,475 | 2,461 | 2,655 | 2,764 | 2,876 | 3,167 | 3,032 | 2,917 | 2,390 |
| **STONE, CLAY, AND GLASS** | | | | | | | | | | | | | |
| New orders ... rel. to 1923-25 | | 44.0 | 50.0 | 46.7 | 49.0 | 60.0 | 52.3 | 48.7 | 55.3 | 48.0 | 53.3 | 48.7 | 53.3 |
| Production index (elect. energy consumed) ... rel. to 1923-25 | 113.8 | 113.4 | 113.9 | 105.9 | 104.8 | 118.7 | 132.0 | 116.5 | 105.1 | 102.6 | 75.3 | 100.6 | 106.2 |
| Stocks, end of month ... rel. to 1923-25 | 154.5 | [1] 140.2 | 150.9 | 143.9 | 154.5 | 164.2 | 174.9 | 175.5 | 179.4 | 173.4 | 165.0 | 166.0 | 162.9 |
| Unfilled orders, end of month ... rel. to 1923-25 | | 24.5 | 25.0 | 25.5 | 25.0 | 26.5 | 27.3 | 23.7 | 25.5 | 24.2 | 28.0 | 33.8 | 41.3 |
| **Brick** | | | | | | | | | | | | | |
| Face brick (average per plant): | | | | | | | | | | | | | |
| Production ... thousands | 325 | 422 | 434 | 425 | 540 | 540 | 549 | 533 | 395 | 338 | 310 | 494 | 543 |
| Shipments ... thousands | 318 | 479 | 454 | 477 | 521 | 574 | 569 | 579 | 522 | 369 | 303 | 365 | 536 |
| Stocks, end of month ... thousands | 3,521 | 3,516 | 3,577 | 3,602 | 3,660 | 3,652 | 3,684 | 3,698 | 3,734 | 3,836 | 3,856 | 3,823 | 3,677 |
| Unfilled orders, end of month ... thousands | 457 | 534 | 587 | 639 | 669 | 733 | 781 | 784 | 685 | 708 | 778 | 778 | 821 |
| Sand-lime brick: | | | | | | | | | | | | | |
| Production ... thousands | 3,190 | 6,521 | 6,943 | 5,989 | 5,518 | 6,664 | 5,084 | 3,999 | 4,869 | 4,140 | 3,718 | 6,053 | 7,126 |
| Shipments by rail ... thousands | 634 | 977 | 872 | 805 | 529 | 494 | 1,595 | 1,698 | 1,466 | 1,493 | 910 | 1,846 | 3,044 |
| Shipments by truck ... thousands | 3,350 | 4,657 | 4,922 | 5,506 | 5,424 | 5,758 | 4,375 | 3,330 | 3,743 | 3,306 | 3,367 | 4,277 | 4,659 |
| Stocks, end of month ... thousands | 10,035 | 12,347 | 10,866 | 10,698 | 10,199 | 8,975 | 10,724 | 11,119 | 12,566 | 12,545 | 11,594 | 12,070 | 12,730 |
| Unfilled orders, end of month ... thousands | 10,485 | 11,437 | 11,532 | 10,838 | 10,710 | 9,960 | 6,513 | 5,232 | 7,070 | 6,720 | 5,245 | 9,125 | 8,183 |
| **Glass Containers** | | | | | | | | | | | | | |
| Net orders ... thous. of gross | 1,814 | 1,779 | 1,820 | 1,859 | 2,162 | 2,465 | 2,119 | 1,952 | 2,250 | 2,342 | 2,634 | 1,894 | [1] 2,172 |
| Shipments ... thous. of gross | 1,537 | 1,941 | 2,310 | 2,213 | 2,180 | 2,491 | 2,545 | 2,291 | 2,479 | 1,972 | 2,041 | 1,486 | [1] 1,641 |
| Stocks, end of month ... thous. of gross | 5,872 | 5,709 | 5,536 | 5,930 | 5,887 | 6,086 | 6,003 | 6,078 | 5,974 | 6,307 | 6,696 | 7,022 | [1] 6,523 |
| Production: | | | | | | | | | | | | | |
| Total ... thous. of gross | 1,692 | 2,128 | 1,948 | 2,239 | 2,268 | 2,565 | 2,481 | 2,404 | 2,166 | 1,777 | 1,776 | 1,698 | [1] 1,861 |
| Per cent of capacity | 55.1 | 64.2 | 62.0 | 68.6 | 69.5 | 75.9 | 73.4 | 71.4 | 64.4 | 57.2 | 52.8 | 50.5 | [1] 59.6 |
| Unfilled orders, end of month ... thous. of gross | 6,745 | 6,713 | 6,860 | 7,591 | 8,268 | 8,625 | 9,127 | 9,785 | 10,340 | 10,913 | 10,761 | 9,628 | [1] 9,325 |
| **Illuminating Glassware** | | | | | | | | | | | | | |
| New orders ... p. ct. of capacity | | 26.6 | 26.3 | 24.8 | 24.3 | 29.3 | 27.3 | 28.6 | 32.4 | 27.0 | 30.7 | 26.5 | 30.5 |
| Production: | | | | | | | | | | | | | |
| Total ... no. of turns | | 2,276 | 1,679 | 1,607 | 1,492 | 2,161 | 2,037 | 2,086 | 2,108 | 1,818 | 2,183 | 1,912 | 2,059 |
| Per cent of capacity | | 30.4 | 22.4 | 21.4 | 19.9 | 28.8 | 27.2 | 27.8 | 28.1 | 24.2 | 29.1 | 30.9 | 33.2 |
| Shipments ... p. ct. of capacity | | 30.1 | 26.0 | 21.6 | 24.0 | 28.2 | 26.8 | 28.8 | 28.7 | 25.9 | 28.7 | 27.6 | 30.6 |
| Stocks, end of month ... no. of weeks' supply | | .4 | .9 | .9 | 3.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 1.1 | 5.1 | 4.9 |
| Unfilled orders, end of month ... no. of weeks' supply | | .8 | .2 | .2 | .8 | .9 | .8 | .8 | .8 | .7 | .2 | .7 | .7 |
| **Plate Glass** | | | | | | | | | | | | | |
| Plate glass, polished, production ... thous. of sq. ft. | 3,385 | 4,532 | 4,611 | 6,088 | 7,216 | 7,554 | 9,466 | 10,174 | 10,593 | 8,882 | 7,321 | 4,941 | 7,103 |
| **Plumbing Fixtures** | | | | | | | | | | | | | |
| Porcelain: | | | | | | | | | | | | | |
| Net new orders ... number of pieces | 2,918 | 3,142 | 4,740 | 4,571 | 5,796 | 6,213 | 4,824 | 6,898 | 6,163 | 5,570 | 4,559 | 4,586 | 4,451 |
| Shipments ... number of pieces | 2,544 | 3,683 | 4,533 | 5,761 | 5,577 | 5,237 | 4,665 | 4,003 | 4,178 | 3,699 | 4,597 | 3,259 | 5,634 |
| Stocks, end of month ... number of pieces | 19,597 | 21,957 | 23,450 | 25,236 | 24,641 | 27,850 | 28,394 | 28,248 | 30,259 | 30,004 | 29,347 | 29,598 | 30,370 |
| Unfilled orders, end of month ... number of pieces | 6,072 | 5,887 | 7,104 | 7,697 | 10,476 | 10,804 | 11,387 | 32,541 | 31,497 | 30,526 | 29,863 | 30,400 | 29,869 |
| Wholesale price, 6 pieces ... dollars | 94.15 | 96.12 | 96.32 | 97.77 | 98.91 | 98.96 | 99.16 | 98.84 | 97.86 | 96.49 | 99.26 | 98.52 | 96.68 |
| Vitreous china plumbing fixtures: | | | | | | | | | | | | | |
| New orders ... pieces | 135,931 | 182,938 | 116,794 | 122,977 | 121,324 | 136,285 | 119,922 | 93,108 | 64,260 | 150,451 | 250,183 | 131,807 | 113,710 |
| Shipments ... pieces | 125,891 | 155,404 | 127,954 | 139,005 | 135,292 | 134,549 | 128,574 | 117,105 | 133,802 | 184,563 | 172,334 | 108,065 | 121,259 |
| Stocks, end of month ... pieces | 501,972 | 506,901 | 529,531 | 533,305 | 554,939 | 574,304 | 593,268 | 597,476 | 583,099 | 552,403 | 594,886 | 623,125 | 582,675 |
| Unfilled orders, end of month ... pieces | 199,009 | 188,969 | 161,435 | 172,595 | 188,623 | 202,591 | 200,855 | 209,507 | 233,504 | 303,046 | 337,158 | 259,309 | 235,567 |

[1] Revised

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **STONE, CLAY, AND GLASS**—Continued | | | | | | | | | | | | | |
| **Portland Cement** | | | | | | | | | | | | | |
| Per cent of capacity | 37.2 | 47.4 | 55.3 | 60.2 | 62.0 | 65.4 | 62.8 | 52.1 | 36.9 | 29.4 | 29.5 | 38.2 | 51.7 |
| Prices, wholesale, composite...dolls. per bbl. | 1,310 | 1.318 | 1.331 | 1.331 | 1.331 | 1.364 | 1.399 | 1.422 | 1.477 | 1.543 | 1.586 | 1.591 | 1,599 |
| Production...thous. of bbls. | 8,161 | 10,762 | 12,092 | 13,549 | 13.899 | 14,118 | 14,010 | 11,245 | 8,245 | 5,920 | 6,595 | 8,480 | 11,098 |
| Shipments...thous. of bbls. | 7,156 | 12,360 | 13,671 | 15,172 | 15,545 | 16,077 | 14,200 | 11,184 | 7,192 | 5,074 | 4,692 | 5,688 | 8,784 |
| Stocks, end of month...thous. of bbls. | 22,223 | [3] 21,218 | 22,736 | 24,313 | 25,934 | 27,602 | 29,554 | 29,715 | 29,676 | 28,612 | 27,759 | 25,883 | 23,056 |
| Stocks, clinker, end of month...thous. of bbls. | 6,212 | [3] 6,021 | 6,918 | 8,468 | 10,209 | 11,837 | 13,087 | 13,854 | 13,318 | 11,946 | 10,384 | 8,809 | 7,758 |
| **Terra Cotta** | | | | | | | | | | | | | |
| Terra cotta, new orders: | | | | | | | | | | | | | |
| Quantity...net tons | 1,269 | 1,997 | 4,290 | 3,955 | 5,117 | 7,547 | 4,180 | 2,598 | 3,138 | 3,226 | 3,231 | 3,799 | 3,373 |
| Value...thous. of dolls. | 115 | 194 | 386 | 361 | 480 | 719 | 412 | 291 | 315 | 335 | 324 | 350 | 329 |
| **Tile** | | | | | | | | | | | | | |
| Floor and wall tile: | | | | | | | | | | | | | |
| Production...thous. of sq. ft. | | | 3,690 | 4,145 | 4,346 | 4,120 | 4,090 | 3,861 | 3,535 | 2,656 | 2,866 | 3,342 | 3,134 |
| Shipments— | | | | | | | | | | | | | |
| Quantity...thous. of sq. ft. | | | 3,587 | 3,542 | 4,308 | 4,316 | 3,998 | 3,744 | 2,923 | 3,656 | 2,541 | 2,937 | 3,791 |
| Stocks, end of month...thous. of sq. ft. | | | 15,261 | 15,158 | 14,556 | 14,518 | 14,715 | 14,623 | 14,506 | 13,895 | 14,895 | 14,570 | 14,166 |
| **TEXTILES** | | | | | | | | | | | | | |
| New orders...rel. to 1923-25 | | [3] 102.4 | 99.0 | 89.5 | 86.7 | 90.9 | 96.6 | 96.8 | 101.0 | 91.4 | 86.7 | 61.4 | 73.9 |
| Prices, wholesale...rel. to 1926 | 60.7 | 61.5 | 62.9 | 64.2 | 65.4 | 65.4 | 66.3 | 67.6 | 69.2 | 70.4 | 71.0 | 72.4 | 73.3 |
| Production index (Fed. Res. Bd.)...rel. to 1923-25 | 90 | 93 | 100 | 100 | 102 | 97 | 98 | 98 | 97 | 93 | 86 | 87 | 93 |
| Production index (elect. energy consumed)...rel. to 1923-25 | 93.4 | 98.2 | 98.7 | 95.0 | 98.2 | 100.5 | 103.7 | 100.0 | 97.3 | 99.3 | 86.4 | 89.8 | 87.0 |
| Stocks, manufactured goods, end of month...rel. to 1923-25 | 90.5 | 86.8 | 86.5 | 90.3 | 88.9 | 90.8 | 90.7 | 93.4 | 94.1 | 92.4 | 100.0 | 109.2 | 97.3 |
| Stocks, raw materials, end of month...rel. to 1923-25 | 289.9 | 250.2 | 169.8 | 133.2 | 133.5 | 148.9 | 161.2 | 176.8 | 196.3 | 212.2 | 229.9 | 241.8 | 237.6 |
| Unfilled orders, end of month...rel. to 1923-25 | | 34.9 | 36.5 | 42.2 | 44.9 | 44.7 | 46.5 | 46.4 | 46.5 | 44.8 | 38.9 | 34.3 | 37.3 |
| **Burlaps and Fibers** | | | | | | | | | | | | | |
| Imports: | | | | | | | | | | | | | |
| Burlaps...thous. of lbs. | | 35,432 | 37,504 | 45,618 | 35,604 | 42,942 | 37,732 | 30,481 | 34,945 | 42,176 | 35,062 | 44,591 | 36,656 |
| Fibers...long tons | | 17,320 | 17,118 | 18,277 | 21,993 | 18,622 | 14,102 | 21,719 | 19,574 | 21,326 | 19,162 | 20,429 | 14,681 |
| **Clothing** | | | | | | | | | | | | | |
| Hosiery: | | | | | | | | | | | | | |
| New orders...thous. of doz. pairs | 4,902 | 5,058 | 4,716 | 4,278 | 4,279 | 4,654 | 5,029 | 4,808 | 4,919 | 4,534 | 4,297 | | |
| Net shipments...thous. of doz. pairs | 4,790 | 5,115 | 4,941 | 4,540 | 3,777 | 4,561 | 4,772 | 4,925 | 4,982 | 4,360 | 3,898 | | |
| Production...thous. of doz. pairs | 4,020 | 4,743 | 4,521 | 4,188 | 4,069 | 4,572 | 4,719 | 4,627 | 4,486 | 4,199 | 4,134 | | |
| Stocks, end of month...thous. of doz. pairs | 9,107 | 9,408 | 9,730 | 9,869 | 10,177 | 9,990 | 9,864 | 9,914 | 10,120 | 10,579 | 10,704 | | |
| Unfilled orders, end of month...thous. of doz. pairs | 2,641 | 2,637 | 2,814 | 3,139 | 3,511 | 3,200 | 3,225 | 3,042 | 3,260 | 3,420 | 3,355 | | |
| Knit underwear: | | | | | | | | | | | | | |
| Net shipments...thous. of doz. garments | | | 1,402 | 1,195 | 1,008 | 1,050 | | | | | | | |
| New orders...thous. of doz. garments | | | 984 | 967 | 1,077 | 1,169 | | | | | | | |
| Production...thous. of doz. garments | | | 1,027 | 1,017 | 1,015 | 1,088 | | | | | | | |
| Stocks, end of month...thous. of doz. garments | | | 1,226 | 1,562 | 1,509 | 1,488 | | | | | | | |
| Unfilled orders, end of month...thous. of doz. garments | | | 1,201 | 1,631 | 1,869 | 1,805 | | | | | | | |
| Men's and boys' garments cut: | | | | | | | | | | | | | |
| Overcoats...thous. of garments | | 521 | 639 | 573 | 464 | 299 | 132 | 191 | 303 | 251 | 160 | 159 | 444 |
| Separate trousers...thous. of garments | | 1,764 | 2,363 | 2,436 | 2,187 | 2,336 | 2,157 | 2,017 | 1,845 | 1,708 | 1,580 | 1,232 | 1,183 |
| Suits...thous. of garments | | 1,313 | 1,662 | 1,926 | 1,849 | 1,702 | 1,749 | 1,878 | 2,370 | 2,028 | 1,714 | 1,222 | 1,100 |
| Overalls: | | | | | | | | | | | | | |
| Cut...thous. of doz. garments | | | | | | | | | | 234 | 222 | 161 | 207 |
| Net shipments...thous. of doz. garments | | | | | | | | | | 223 | 218 | 137 | 191 |
| Unfilled orders, end of month...thous. of doz. garments | | | | | | | | | | 41 | 36 | 42 | 36 |
| **Cotton** | | | | | | | | | | | | | |
| Consumption by textile mills...bales | 428,870 | 462,025 | 463,704 | 425,819 | 450,884 | 453,901 | 465,363 | 508,691 | 490,509 | 433,376 | 405,117 | 405,518 | 415,315 |
| Consumption by textile mills...rel. to 1923-25 | 83.6 | 90.0 | 90.4 | 83.0 | 87.9 | 88.4 | 90.7 | 99.1 | 95.6 | 84.4 | 87.7 | 79.0 | 80.9 |
| Exports, unmanufactured: | | | | | | | | | | | | | |
| Exclusive of linters...thous. of bales | 1,071 | 1,014 | 558 | 211 | 259 | 255 | 336 | 392 | 605 | 433 | 533 | 766 | 908 |
| Total...thous. of dolls. | | 39,838 | 23,457 | 9,898 | 13,525 | 13,517 | 18,928 | 22,948 | 35,961 | 25,402 | 31,198 | 47,230 | 59,307 |
| Ginnings...thous. of bales | 15,023 | 12,130 | 5,408 | 565 | 7 | | | | 13,756 | | 13,593 | 13,258 | 12,837 |
| Imports, unmanufactured...bales | 5,986 | 2,636 | 5,426 | 7,236 | 9,305 | 14,134 | 15,189 | 17,238 | 10,266 | 11,165 | 11,299 | 4,461 | 3,410 |
| Machinery, activity of spindles: | | | | | | | | | | | | | |
| Activity spindles...thousands | 24,861 | 25,188 | 25,237 | 25,623 | 25,826 | 25,898 | 26,379 | 26,669 | 26,504 | 25,798 | 25,628 | 25,550 | 25,797 |
| Activity per spindle...hours | 186 | 203 | 201 | 190 | 200 | 202 | 204 | 216 | 211 | 184 | 191 | 176 | 173 |
| Total activity...mill. of hours | 6,014 | 6,595 | 6,540 | 6,193 | 6,528 | 6,630 | 6,733 | 7,125 | 7,000 | 6,122 | 6,365 | 5,924 | 5,825 |
| Per cent of capacity...per cent | 85.8 | 85.1 | 88.1 | 81.8 | 86.0 | 86.8 | 89.6 | 94.1 | 91.0 | 87.3 | 80.7 | 75.9 | 79.7 |
| Prices: | | | | | | | | | | | | | |
| To producer...dolls. per lb. | .061 | .053 | .059 | .063 | .085 | .077 | .088 | .093 | .096 | .091 | .086 | .087 | .096 |
| In New York, middling...dolls. per lb. | .065 | .064 | .065 | .072 | .093 | .090 | .093 | .102 | .109 | .110 | .102 | .101 | .110 |
| Production, crop estimate...thous. of bales | 16,918 | 16,903 | | | | | | | | | | [5] 14,243 | |
| Receipts into sight...thous. of bales | 3,035 | 4,082 | 1,623 | 333 | 277 | 103 | 341 | 358 | 447 | 513 | 729 | 1,627 | 2,749 |
| Stocks, domestic, end of month: | | | | | | | | | | | | | |
| Mills...thous. of bales | 1,441 | 1,116 | 776 | 840 | 996 | 1,131 | 1,258 | 1,371 | 1,478 | 1,550 | 1,618 | 1,656 | 1,564 |
| Warehouses...thous. of bales | 10,696 | 9,450 | 6,297 | 4,426 | 4,524 | 4,971 | 5,490 | 6,033 | 6,658 | 7,314 | 7,939 | 8,376 | 8,398 |
| Total, mills and warehouses...thous. of bales | 12,137 | 10,566 | 7,072 | 5,266 | 5,520 | 6,102 | 6,748 | 7,404 | 8,136 | 8,864 | 9,557 | 10,031 | 9,962 |
| Total, mills and warehouses...rel. to 1923-25 | 322.8 | 281.0 | 188.1 | 140.1 | 146.8 | 162.3 | 179.5 | 196.9 | 216.4 | 235.8 | 254.2 | 266.8 | 264.9 |
| Stocks, world visible, end of month: | | | | | | | | | | | | | |
| American...thous. of bales | | 7,299 | 5,275 | 4,498 | 4,775 | 5,236 | 5,861 | 6,302 | 6,826 | 7,381 | 7,576 | 7,841 | 7,676 |
| Total...thous. of bales | | 9,184 | 7,113 | 6,435 | 6,899 | 7,572 | 8,346 | 8,883 | 9,332 | 9,958 | 9,897 | 9,897 | 9,437 |
| **Cotton Finishing** | | | | | | | | | | | | | |
| Printed only (mills and outside): | | | | | | | | | | | | | |
| Production...thous. of yds. | 59,501 | 63,014 | 70,138 | 65,983 | 56,153 | 57,412 | 67,704 | 86,612 | 87,318 | 76,847 | 68,380 | 70,301 | 62,005 |
| Stocks, end of month...thous. of yds. | 81,606 | 78,027 | 76,245 | 71,615 | 74,662 | 77,335 | 74,436 | 72,973 | 65,145 | 64,546 | 65,704 | 68,420 | 68,817 |

[3] Revised. [4] As of Dec. 1. [5] Final estimate for 1930.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **TEXTILES**—Continued | | | | | | | | | | | | | |
| **Cotton Finishing**—Continued | | | | | | | | | | | | | |
| White, dyed, and printed (outside mills): | | | | | | | | | | | | | |
| Billings, finished goods.....thous. of yds.. | 40,516 | 48,237 | 49,252 | 44,982 | 45,831 | 51,577 | 52,537 | 60,590 | 61,803 | 50,166 | 43,642 | 47,566 | 40,249 |
| New orders, gray yardage..thous. of yds.. | 38,304 | 44,515 | 45,782 | 44,372 | 45,233 | 41,119 | 45,937 | 50,394 | 57,872 | 49,679 | 46,370 | 39,749 | 38,541 |
| Per cent of capacity.....per cent.. | 43 | 48 | 49 | 48 | 47 | 45 | 51 | 52 | 58 | 56 | 47 | 40 | 44 |
| Shipments, finished goods.....cases.. | 22,828 | 26,811 | 27,207 | 24,483 | 24,916 | 27,221 | 30,109 | 31,176 | 35,334 | 30,593 | 29,031 | 23,888 | 23,743 |
| Stocks, finished goods, end of month.....cases.. | 18,887 | 18,321 | 17,467 | 18,095 | 16,404 | 16,433 | 17,141 | 16,677 | 17,641 | 17,071 | 20,134 | 23,593 | 21,803 |
| Unfilled orders, end of month.....days.. | 1.6 | 1.5 | 1.6 | 1.7 | 1.5 | 1.5 | 1.9 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.5 |
| Abrasive cloth. (See paper products.) | | | | | | | | | | | | | |
| **Cotton Goods** | | | | | | | | | | | | | |
| Cotton cloth: | | | | | | | | | | | | | |
| Imports.....thous. of sq. yds.. | ..... | 1,958 | 2,185 | 1,692 | 4,326 | 3,937 | 3,920 | 2,810 | 2,530 | 2,148 | 2,641 | 1,658 | 1,763 |
| Exports.....thous. of sq. yds.. | ..... | 29,897 | 25,599 | 30,309 | 35,272 | 34,370 | 30,961 | 30,776 | 33,392 | 25,188 | 31,488 | 29,388 | 29,273 |
| Cotton textiles:* | | | | | | | | | | | | | |
| New orders.....thous. of yds.. | 224,207 | 333,679 | 287,708 | 167,555 | 158,353 | 355,902 | 160,029 | 137,749 | 295,334 | 326,691 | 239,106 | 182,656 | 183,067 |
| Production.....thous. of yds.. | 231,446 | 227,116 | 272,118 | 209,050 | 192,545 | 260,163 | 225,392 | 225,955 | 271,638 | 212,168 | 202,149 | 234,052 | 206,633 |
| Shipments.....thous. of yds.. | 213,889 | 216,207 | 278,049 | 227,644 | 211,331 | 273,871 | 205,603 | 217,582 | 317,185 | 248,354 | 210,597 | 226,951 | 200,661 |
| Stocks, end of month.....thous. of yds.. | 273,390 | 255,833 | 244,924 | 250,855 | 269,449 | 288,235 | 301,943 | 282,154 | 273,781 | 319,328 | 355,514 | 363,962 | 356,861 |
| Unfilled orders, end of month.....thous. of yds.. | 354,957 | 344,639 | 227,167 | 217,508 | 277,597 | 330,575 | 248,544 | 294,118 | 373,951 | 395,802 | 317,465 | 288,956 | 333,251 |
| Elastic webbing, shipments...thous. of dolls.. | ..... | 969 | 1,031 | 969 | 1,015 | 1,018 | 1,124 | 1,199 | 1,363 | 1,180 | 1,041 | 921 | 1,000 |
| Fabric for tire manufacture, consumption.....thous. of lbs.. | ..... | 9,263 | 9,585 | 11,745 | 15,140 | 17,085 | 18,010 | 15,244 | 14,041 | 12,002 | 12,738 | 8,358 | 8,418 |
| Prices: | | | | | | | | | | | | | |
| Print cloth 64 x 60.....dolls. per yd.. | .036 | .038 | .041 | .043 | .049 | .048 | .050 | .053 | .055 | .053 | .052 | .053 | .057 |
| Sheeting, brown.....dolls. per yd.. | .047 | .046 | .050 | .052 | .056 | .054 | .058 | .059 | .059 | .065 | .062 | .065 | .066 |
| Cotton goods (Fairchild)..rel. to 1911-13.. | 87 | 91 | 95 | 100 | 111 | 112 | 115 | 119 | 121 | 119 | 120 | 122 | 124 |
| **Cotton Yarn** | | | | | | | | | | | | | |
| Carded sales yarn: | | | | | | | | | | | | | |
| Production.....thous. of lbs.. | 11,574 | 14,703 | 10,858 | 10,295 | 11,800 | 10,067 | 13,377 | 11,081 | 11,536 | 10,968 | 12,665 | 9,582 | 11,787 |
| Stocks, end of month.....thous. of lbs.. | 9,832 | 9,461 | 9,382 | 10,023 | 10,181 | 11,195 | 11,212 | 12,240 | 12,537 | 13,420 | 13,795 | 13,531 | 12,548 |
| Unfilled orders, end of month.....thous. of lbs.. | 32,519 | 32,943 | 29,819 | 31,351 | 32,951 | 34,017 | 34,914 | 38,825 | 40,979 | 42,407 | 39,963 | 38,920 | 38,926 |
| Prices: | | | | | | | | | | | | | |
| 22/1 cones, Boston.....dolls. per lb.. | .192 | .189 | .201 | .212 | .225 | .215 | .223 | .231 | .240 | .239 | .248 | .247 | .254 |
| 40/1s southern spinning.....dolls. per lb.. | .312 | .315 | .326 | .336 | .352 | .352 | .353 | .369 | .382 | .390 | .390 | .390 | .405 |
| **Floor Covering** | | | | | | | | | | | | | |
| Felt base: | | | | | | | | | | | | | |
| New orders.....thous. of sq. yds.. | ..... | ..... | 6,432 | 5,626 | 4,810 | 13,662 | 11,368 | 9,215 | 7,901 | 6,850 | 7,925 | 6,621 | ..... |
| Production.....thous. of sq. yds.. | ..... | ..... | 6,463 | 8,228 | 9,012 | 10,389 | 6,960 | 6,400 | 6,757 | 6,387 | 5,076 | 5,261 | ..... |
| Shipments.....thous. of sq. yds.. | ..... | ..... | 7,944 | 5,621 | 5,577 | 13,383 | 10,169 | 8,575 | 8,239 | 7,043 | 7,295 | 5,749 | ..... |
| Linoleum: | | | | | | | | | | | | | |
| New orders.....thous. of sq. yds.. | ..... | ..... | 1,725 | 1,619 | 1,471 | 2,257 | 1,932 | 2,002 | 2,459 | 2,837 | 2,048 | 2,278 | ..... |
| Production.....thous. of sq. yds.. | ..... | ..... | 1,792 | 1,605 | 1,826 | 1,817 | 1,845 | 1,901 | 1,945 | 1,303 | 1,364 | 1,265 | ..... |
| Shipments.....thous. of sq. yds.. | ..... | ..... | 1,627 | 1,492 | 1,496 | 2,306 | 1,912 | 2,112 | 2,375 | 2,602 | 2,173 | 1,697 | ..... |
| **Fur** | | | | | | | | | | | | | |
| Sales by dealers.....thous. of dolls.. | ..... | 3,760 | 6,609 | 5,465 | 6,033 | 4,474 | 5,324 | 5,615 | 6,693 | 6,049 | 4,496 | 3,048 | 4,520 |
| **Pyroxylin-Coated Textiles** | | | | | | | | | | | | | |
| Pyroxylin spread.....thous. of lbs.. | ..... | 2,333 | 2,822 | 2,667 | 2,621 | 4,001 | 4,060 | 4,273 | 4,081 | 3,044 | 2,565 | 2,353 | 2,417 |
| Shipments billed.....thous. of linear yds.. | ..... | 2,184 | 2,419 | 2,412 | 2,375 | 2,815 | 3,186 | 3,301 | 3,394 | 2,724 | 2,333 | 2,126 | 2,075 |
| Unfilled orders end of month.....thous. of linear yds.. | ..... | 2,180 | 2,400 | 2,751 | 2,615 | 2,656 | 2,810 | 2,962 | 3,358 | 3,058 | 2,735 | 2,031 | 2,424 |
| **Rayon** | | | | | | | | | | | | | |
| Imports.....thous. of lbs.. | ..... | 107 | 239 | 299 | 276 | 202 | 225 | 295 | 439 | 274 | 154 | 0 | 216 |
| Price, 150 denier, "A" grade, New York.....dolls. per lb.. | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .75 | .95 | .95 |
| **Silk** | | | | | | | | | | | | | |
| Deliveries (consumption).....bales.. | 50,645 | 56,668 | 53,819 | 46,454 | 44,746 | 42,161 | 45,073 | 41,356 | 55,383 | 54,242 | 55,910 | 55,424 | 57,333 |
| Imports, raw.....thous. of lbs.. | 9,639 | 9,524 | 7 331 | 7,167 | 6,724 | 6,409 | 6,520 | 4,823 | 7,725 | 7,318 | 7,405 | 9,877 | 7,000 |
| Prices: | | | | | | | | | | | | | |
| Raw, Japanese 13-15, New York.....dolls. per lb.. | 2,315 | 2.266 | 2.315 | 2.512 | 2.364 | 2.463 | 2.266 | 2.266 | 2.561 | 2.709 | 2.807 | 2.709 | 2,463 |
| Silk goods, composite.....dolls. per yd.. | 98 | ..... | .98 | .98 | .98 | .99 | .99 | .99 | .99 | 1.00 | 1.02 | 1.02 | 1.02 |
| Silk machinery activity: | | | | | | | | | | | | | |
| Broad looms.....p. ct. of normal.. | 83.9 | 93.0 | 90.5 | 79.4 | 76.4 | 75.6 | 76.3 | 90.9 | 93.8 | 96.5 | 94.0 | 94.0 | 96.5 |
| Narrow looms.....p. ct. of normal.. | 42.4 | 38.0 | 48.3 | 38.2 | 35.3 | 43.9 | 42.5 | 44.6 | 44.2 | 51.7 | 39.2 | 35.8 | 60.8 |
| Spinning spindles.....p. ct. of normal.. | 56.4 | 56.4 | 53.4 | 48.7 | 44.6 | 42.8 | 49.5 | 51.8 | 58.6 | 58.9 | 55.2 | 65.8 | 75.1 |
| Stocks, end of month: | | | | | | | | | | | | | |
| At warehouses.....bales.. | 67,275 | 49,921 | 36,099 | 41,878 | 29,921 | 37,352 | 32,688 | 35,497 | 47,407 | 45,399 | 51,814 | 58,430 | 49,238 |
| At manufacturing plants.....bales.. | 23,435 | 23,176 | 20,044 | 21,122 | 16,990 | 18,706 | 18,206 | 20,425 | 22,231 | 23,124 | 23,588 | 24,242 | 24,929 |
| **Wool** | | | | | | | | | | | | | |
| Consumption at textile mills, grease equivalent.....thous. of lbs.. | ..... | 42,990 | 47,548 | 51,140 | 53,886 | 45,805 | 52,199 | 47,710 | 40,373 | 38,420 | 33,856 | 30,007 | 31,237 |
| Consumption at textile mills...rel. to 1923-25.. | ..... | 90.7 | 100.4 | 107.9 | 113.7 | 96.7 | 110.2 | 100.7 | 85.2 | 81.1 | 71.5 | 63.3 | 65.9 |
| Imports: | | | | | | | | | | | | | |
| In condition, imported.....thous. of lbs.. | ..... | 13,463 | 11,677 | 9,679 | 12,987 | 16,868 | 14,168 | 21,258 | 15,348 | 11,687 | 13,767 | 10,920 | 8,546 |
| Machinery activity, hourly: | | | | | | | | | | | | | |
| Combs.....p. ct. of hours active.. | 86 | 74 | 109 | 115 | 115 | 107 | 97 | 82 | 76 | 75 | 67 | 67 | 65 |
| Looms— | | | | | | | | | | | | | |
| Carpet and rugs.p. ct. of hours active.. | 30 | 38 | 40 | 38 | 38 | 40 | 46 | 44 | 44 | 39 | 29 | 29 | 38 |
| Narrow.....p. ct. of hours active.. | 31 | 39 | 44 | 45 | 43 | 46 | 45 | 42 | 34 | 30 | 28 | 26 | 37 |
| Wide.....p. ct. of hours active.. | 45 | 49 | 63 | 70 | 64 | 61 | 58 | 54 | 59 | 59 | 49 | 46 | 47 |
| Set of cards.....p. ct. of hours active.. | 48 | 53 | 61 | 65 | 64 | 60 | 60 | 57 | 66 | 60 | 47 | 43 | 50 |
| Spinning spindles— | | | | | | | | | | | | | |
| Woolen.....p. ct. of hours active.. | 46 | 53 | 63 | 66 | 64 | 61 | 60 | 55 | 57 | 66 | 48 | 45 | 52 |
| Worsted.....p. ct. of hours active.. | 51 | 49 | 70 | 78 | 83 | 73 | 66 | 57 | 57 | 54 | 52 | 52 | 52 |

* Months of March, June, and September, 1931, contain 5 weeks, other months 4 weeks.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **TEXTILES—Continued** | | | | | | | | | | | | | |
| **Wool—Continued** | | | | | | | | | | | | | |
| Prices: | | | | | | | | | | | | | |
| Raw, territory, fine, scoured..dolls. per lb.. | .58 | .58 | .62 | .63 | .62 | .62 | .63 | .65 | .66 | .66 | .68 | .72 | .72 |
| Raw, Ohio and Penn. fleeces, ¼ blood, combing, grease.....dolls. per lb.. | .21 | .21 | .22 | .23 | .21 | .20 | .20 | .22 | .22 | .23 | .26 | .27 | .29 |
| Suiting, 13-oz.....dolls. per lb.. | 1.400 | 1.400 | 1.400 | 1.490 | 1.494 | 1.494 | 1.494 | 1.494 | 1.543 | 1.601 | 1.601 | 1.601 | 1.601 |
| Women's dress goods, French serge, 54-in. at factory.....dolls. per yd.. | .925 | .925 | .925 | .925 | .925 | .925 | .925 | .968 | 1.050 | 1.050 | 1.050 | 1.050 | 1.050 |
| Worsted yarns.....dolls. per lb.. | .950 | .950 | .950 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.10 | 1.10 | 1.17 | 1.20 |
| Receipts at Boston: | | | | | | | | | | | | | |
| Domestic.....thous. of lbs.. | 6,163 | 6,567 | 16,595 | 34,445 | 76,046 | 53,779 | 26,151 | 10,376 | 8,215 | 6,741 | 3,363 | 7,574 | 4,576 |
| Foreign.....thous. of lbs.. | 863 | 3,061 | 2,112 | 2,405 | 3,335 | 2,964 | 4,190 | 7,399 | 5,064 | 6,528 | 7,432 | 4,000 | 1,664 |
| Total.....thous. of lbs.. | 7,026 | 9,628 | 18,707 | 36,850 | 79,381 | 56,743 | 30,341 | 17,775 | 13,279 | 13,269 | 10,795 | 11,574 | 6,240 |
| **TOBACCO** | | | | | | | | | | | | | |
| Unmanufactured: | | | | | | | | | | | | | |
| Production, crop estimate...mills. of lbs.. | [4] 1,610 | | | | | | | | | | | [5] 1,635 | |
| Exports, leaf.....thous. of lbs.. | | 49,170 | 44,826 | 23,113 | 20,574 | 38,737 | 48,911 | 45,006 | 39,908 | 46,879 | 50,440 | 62,148 | 57,964 |
| Stocks— | | | | | | | | | | | | | |
| Chewing, smoking, snuff, and export types, quarterly.....mills. of lbs.. | | | [3] 1,419 | | | [3] 1,453 | | | [3] 1,698 | | | [3] 1,492 | |
| Cigar types, quarterly..thous. of lbs.. | | | [3] 341,905 | | | [3] 370,142 | | | [3] 354,184 | | | [3] 277,850 | |
| Total, including imported types, quarterly.....mills. of lbs.. | | | [3] 1,841 | | | [3] 1,915 | | | [3] 2,151 | | | [3] 1,853 | |
| Manufactured products: | | | | | | | | | | | | | |
| Consumption (tax-paid withdrawals)— | | | | | | | | | | | | | |
| Large cigars.....thousands.. | 477,458 | 534,371 | 449,330 | 463,256 | 478,901 | 517,514 | 467,300 | 459,982 | 440,472 | 362,839 | 362,939 | 349,635 | 528,128 |
| Small cigarettes.....millions.. | 7,850 | 8,956 | 9,695 | 9,520 | 10,700 | 11,508 | 10,448 | 9,471 | 9,802 | 8,836 | 9,368 | 8,675 | 7,952 |
| Manufactured tobacco and snuff.....thous. of lbs.. | 27,935 | 34,139 | 33,278 | 31,558 | 30,661 | 31,086 | 30,780 | 30,781 | 31,049 | 29,562 | 31,697 | 25,815 | 25,976 |
| Manufacturing operations.....rel. to 1923-25.. | 114 | 112 | 118 | 118 | 122 | 133 | 137 | 134 | 131 | 132 | 121 | 128 | 119 |
| Exports, cigarettes.....thousands.. | | 191,385 | 257,854 | 254,049 | 243,233 | 244,201 | 250,858 | 241,703 | 324,808 | 256,706 | 229,697 | 338,808 | 251,507 |
| **MISCELLANEOUS PRODUCTION** | | | | | | | | | | | | | |
| **Buttons** | | | | | | | | | | | | | |
| Fresh-water pearl buttons: | | | | | | | | | | | | | |
| Production, ratio to capacity....per cent.. | | 46.9 | 42.9 | 45.0 | 31.3 | 45.0 | 44.7 | 45.2 | 47.5 | 44.6 | 35.5 | 40.6 | 42.0 |
| Stocks, end of month.....thous. of gross.. | | 8,640 | 8,583 | 8,689 | 8,803 | 9,252 | 9,224 | 9,408 | 9,518 | 9,807 | 10,154 | 8,842 | 8,756 |
| Imports: | | | | | | | | | | | | | |
| Buttons— | | | | | | | | | | | | | |
| Product of Philippines..thous. of gross.. | 76 | 50 | 62 | 95 | 68 | 118 | 61 | 55 | 94 | 59 | 59 | 82 | 65 |
| All other.....thous. of gross.. | 10 | 11 | 5 | 6 | 10 | 446 | 11 | 2 | 2 | 3 | 4 | 9 | 9 |
| Shells— | | | | | | | | | | | | | |
| Mother-of-pearl.....thous. of lbs.. | | 445 | 451 | 399 | 256 | 202 | 272 | 395 | 289 | 273 | 475 | 896 | 402 |
| All other.....thous. of lbs.. | | 479 | 83 | 467 | 134 | 527 | 43 | 48 | 95 | 369 | 22 | 15 | 458 |
| Tagua nuts.....thous. of lbs.. | | 2,025 | 2,014 | 1,527 | 2,025 | 1,999 | 901 | 1,720 | 592 | 1,329 | 270 | 858 | 331 |
| **FUELS** | | | | | | | | | | | | | |
| **Coal** | | | | | | | | | | | | | |
| Anthracite: | | | | | | | | | | | | | |
| Exports.....thous. of long tons.. | | 157 | 121 | 101 | 110 | 146 | 148 | 120 | 79 | 159 | 207 | 178 | 182 |
| Prices— | | | | | | | | | | | | | |
| Retail, composite, chestnut .....dolls. per short ton.. | 14.96 | 14.97 | 14.93 | 14.73 | 14.59 | 14.31 | 14.19 | 14.39 | 14.85 | 14.85 | 14.88 | 14.89 | 14.90 |
| Wholesale, composite chestnut ..... dolls. per long ton.. | 13.083 | 13.083 | 13.083 | 12.796 | 12.614 | 12.413 | 12.270 | 12.202 | 12.608 | 12.732 | 12.732 | 12.751 | 12.751 |
| Production.....thous. of short tons.. | 4,141 | 6,551 | 4,358 | 4,314 | 3,954 | 4,544 | 5,005 | 5,700 | 4,745 | 5,391 | 6,157 | [3] 6,050 | [3] 5,176 |
| Stocks, end of month, in yards of dealers.....no. of days' supply.. | | | 75 | | 75 | 60 | | 45 | 21 | | 31 | 43 | |
| Bituminous: | | | | | | | | | | | | | |
| Consumption— | | | | | | | | | | | | | |
| By coke plants— | | | | | | | | | | | | | |
| Canada.....thous. of short tons.. | | 191 | 179 | 186 | 193 | 213 | 229 | 230 | 247 | 235 | 236 | 246 | 249 |
| United States .....thous. of short tons.. | 3,442 | 3,616 | 3,459 | 3,634 | 3,795 | 4,027 | 4,629 | 4,682 | 4,902 | 4,408 | 4,686 | 4,737 | [3] 4,770 |
| By electric power plants.....thous. of short tons.. | | 3,426 | 3,281 | 3,233 | 3,168 | 2,954 | 2,953 | 2,963 | 3,410 | 3,286 | 3,688 | 3,837 | 3,670 |
| By railroads.....thous. of short tons.. | | 5,776 | 5,268 | 5,419 | 5,463 | 5,314 | 5,821 | 5,885 | 6,414 | 5,810 | 6,598 | 6,622 | 6,642 |
| By vessels clearing ports.....thous. of long tons.. | | 183 | 163 | 165 | 186 | 209 | 195 | 168 | 136 | 141 | 187 | 201 | 204 |
| Exports.....thous. of long tons.. | | 1,078 | 1,163 | 1,217 | 1,087 | 994 | 926 | 671 | 665 | 645 | 700 | 803 | 1,287 |
| Prices— | | | | | | | | | | | | | |
| Mine average (spot) .....dolls. per short ton.. | | | 1.62 | 1.58 | 1.58 | 1.56 | 1.60 | 1.64 | 1.69 | 1.77 | 1.77 | 1.77 | 1.78 |
| Prepared sizes (composite).....dolls. per net ton.. | 3.962 | 3.954 | 3.954 | 3.907 | 3.856 | 3.816 | 3.838 | 3.845 | 4.001 | 4.223 | 4.268 | 4.317 | 4.356 |
| Retail, composite..dolls. per short ton.. | 8.23 | 8.22 | 8.17 | 8.11 | 8.09 | 8.00 | 8.04 | 8.46 | 8.71 | 8.83 | 8.87 | 8.94 | 8.94 |
| Wholesale, composite .....dolls. per short ton.. | 3.705 | 3.703 | 3.705 | 3.704 | 3.706 | 3.692 | 3.723 | 3.760 | 3.791 | 3.814 | 3.829 | 3.898 | 3.900 |
| Production— | | | | | | | | | | | | | |
| Canada.....thous. of short tons.. | | 1,204 | 1,005 | 760 | 826 | 888 | 902 | 888 | 1,028 | 963 | 1,164 | 1,275 | 1,315 |
| United States...thous. of short tons.. | 30,110 | 35,700 | 31,919 | 30,534 | 29,790 | 29,185 | 28,314 | 28,478 | 33,870 | 31,408 | 38,542 | [3] 40,222 | [3] 38,609 |
| Production index.....rel. to 1923-25.. | 67 | 71 | 70 | 70 | 74 | 74 | 75 | 77 | 76 | 73 | 77 | 85 | 86 |
| Stocks, end of month, held by consumers....thous. of short tons.. | | | 34,500 | | 30,900 | 30,100 | | 26,900 | 29,500 | | 34,200 | 37,200 | |
| **Coke** | | | | | | | | | | | | | |
| Exports.....thous. of long tons.. | | 50 | 52 | 87 | 50 | 45 | 86 | 43 | 54 | 67 | 71 | 70 | 69 |
| Price, furnace, Connellsville .....dolls. per short ton.. | 2.38 | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | 2.48 | 2.50 | 2.50 | 2.53 | 2.55 | 2.55 | 2.55 |
| Production: | | | | | | | | | | | | | |
| Canada.....thous. of short tons.. | | 140 | 126 | 132 | 139 | 155 | 169 | 169 | 179 | 165 | 171 | 181 | 185 |
| United States— | | | | | | | | | | | | | |
| Beehive.....thous. of short tons.. | 98 | 105 | 78 | 70 | 76 | 87 | 94 | 109 | 149 | 163 | 163 | 170 | [3] 168 |
| By-product.....thous. of short tons.. | 2,276 | 2,389 | 2,310 | 2,443 | 2,569 | 2,715 | 3,126 | 3,146 | 3,256 | 2,898 | 3,092 | 3,055 | [3] 3,137 |
| **Petroleum** | | | | | | | | | | | | | |
| Asphalt: | | | | | | | | | | | | | |
| Imports.....thous. of short tons.. | | 1 | 12 | 14 | 4 | 10 | 9 | 7 | 7 | 3 | 0 | 3 | 3 |
| Production.....thous. of short tons.. | 210 | 314 | 326 | 312 | 314 | 315 | 304 | 248 | 190 | 166 | 147 | 168 | 217 |
| Stocks, end of month..thous. of short tons.. | 299 | 299 | 340 | 332 | 349 | 393 | 380 | 360 | 354 | 332 | 295 | 308 | 295 |

[1] Revised. [2] Quarter ended in month indicated. [4] As of Dec. 1. [5] Final estimate for 1930.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FUELS—Continued** | | | | | | | | | | | | | |
| **Petroleum—Continued** | | | | | | | | | | | | | |
| Coke: | | | | | | | | | | | | | |
| Production.....thous. of short tons.. | 168 | 159 | 180 | 178 | 173 | 180 | 178 | 168 | 170 | 151 | 159 | 166 | 158 |
| Stocks, end of month..thous. of short tons.. | 1,439 | 1,393 | 1,516 | 1,451 | 1,391 | 1,315 | 1,250 | 1,158 | 1,089 | 1,053 | 1,032 | 1,069 | 1,097 |
| Crude petroleum: | | | | | | | | | | | | | |
| Consumption (run to stills)..thous. of bbls.. | 71,367 | 75,675 | 75,094 | 80,672 | 79,758 | 76,237 | 78,521 | 74,706 | 73,596 | 65,249 | 70,026 | 71,581 | 70,310 |
| Imports.....thous. of bbls.. | 3,604 | 4,106 | 3,426 | 2,702 | 3,588 | 3,978 | 4,512 | 4,162 | 3,715 | 4,789 | 4,353 | 4,727 | 4,467 |
| Oil wells completed.....number.. | 874 | 705 | 445 | 441 | 599 | 603 | 498 | 519 | 383 | 450 | 487 | 540 | 657 |
| Price, Kansas-Oklahoma....dolls. per bbl.. | .710 | .560 | .560 | .434 | .238 | .300 | .530 | .530 | .594 | .850 | .850 | .850 | .850 |
| Production.....thous. of bbls.. | 72,851 | 73,079 | 63,636 | 68,418 | 77,961 | 75,116 | 77,164 | 73,101 | 69,397 | 60,645 | 65,991 | 66,972 | 67,957 |
| Production index.....rel. to 1923-25.. | 124 | [2] 116 | 102 | 107 | 122 | 122 | 122 | 121 | 112 | 110 | 110 | 111 | 114 |
| Refinery operations.....p. ct. of capacity.. | 64 | 65 | 66 | 69 | 68 | 67 | 67 | 67 | 64 | 63 | 61 | 63 | 64 |
| Refinery operations index..rel. to 1923-25.. | -------- | 161 | 161 | 165 | 162 | 161 | 163 | 161 | 152 | 149 | 144 | 149 | 151 |
| Stocks, end of month— | | | | | | | | | | | | | |
| California— | | | | | | | | | | | | | |
| Heavy.....thous. of bbls.. | 95,470 | 95,566 | [2] 95,749 | 97,809 | 98,098 | 99,015 | 100,011 | 100,578 | 100,531 | 101,442 | 102,368 | 103,421 | 103,252 |
| Light.....thous. of bbls.. | 40,471 | 40,328 | [2] 40,841 | 40,495 | 39,621 | 40,043 | 40,805 | 40,840 | 41,016 | 40,651 | 40,389 | 40,325 | 40,472 |
| East of California— | | | | | | | | | | | | | |
| Refineries.....thous. of bbls.. | 36,566 | 36,705 | 38,358 | 39,021 | 41,007 | 41,734 | 41,819 | 41,413 | 40,786 | 42,027 | 41,785 | 41,136 | 43,457 |
| Tank farms and pipe lines.....thous. of bbls.. | 284,222 | 283,201 | 284,840 | 294,831 | 305,009 | 305,876 | 306,287 | 308,752 | 310,377 | 313,310 | 317,854 | 320,740 | 323,151 |
| Total.....thous. of bbls.. | 320,788 | 319,906 | 323,198 | 333,852 | 346,016 | 347,610 | 348,106 | 350,165 | 351,163 | 355,337 | 359,639 | 361,876 | 366,608 |
| Mexico— | | | | | | | | | | | | | |
| Production.....thous. of bbls.. | -------- | -------- | 2,628 | 2,841 | 3,129 | 2,960 | 3,080 | 2,761 | 2,819 | 2,564 | 2,890 | 2,922 | 2,895 |
| Exports.....thous. of bbls.. | -------- | -------- | 1,864 | 1,488 | 2,183 | 2,716 | 2,808 | 2,392 | 1,528 | 1,463 | 1,263 | 1,690 | 1,895 |
| Venezuela— | | | | | | | | | | | | | |
| Exports.....thous. of bbls.. | -------- | -------- | 9,420 | 9,274 | 9,401 | 8,561 | 9,049 | 8,586 | 10,362 | 9,516 | 10,877 | 10,704 | 11,134 |
| Production.....thous. of bbls.. | -------- | -------- | 9,412 | 9,796 | 9,913 | 9,181 | 9,515 | 9,263 | 10,283 | 9,486 | 10,384 | 10,492 | 10,911 |
| Gas and fuel oils: | | | | | | | | | | | | | |
| Consumption— | | | | | | | | | | | | | |
| By electric power plants..thous. of bbls.. | -------- | 702 | 691 | 726 | 712 | 622 | 541 | 552 | 643 | 637 | 800 | 845 | 790 |
| By railroads.....thous. of bbls.. | -------- | 3,554 | 3,236 | 3,286 | 3,567 | 3,440 | 3,606 | 3,536 | 3,644 | 3,181 | 3,599 | 3,705 | 3,806 |
| By vessels.....thous. of bbls.. | -------- | 3,643 | 3,095 | 3,442 | 3,839 | 4,053 | 4,286 | 4,043 | 3,667 | 3,622 | 3,544 | 3,868 | 3,794 |
| Price, Oklahoma 24-26, refineries.....dolls. per bbl.. | .350 | .338 | .319 | .280 | .294 | .385 | .463 | .488 | .510 | .588 | .600 | .610 | .650 |
| Production.....thous. of bbls.. | 27,126 | 28,709 | 28,749 | 30,292 | 29,488 | 29,512 | 29,949 | 30,073 | 30,754 | 26,536 | 29,174 | 29,704 | 29,054 |
| Stocks at refineries at end of month.....thous. of bbls.. | 45,434 | 44,883 | 45,239 | 44,551 | 41,416 | 38,581 | 36,579 | 33,854 | 32,105 | 32,159 | 33,977 | 37,007 | 40,427 |
| Gasoline: | | | | | | | | | | | | | |
| Consumption.....thous. of bbls.. | -------- | 35,051 | [2] 36,670 | 39,459 | 39,459 | 38,375 | 35,716 | 33,400 | 31,037 | 26,133 | 26,844 | 29,213 | 30,882 |
| Exports.....thous. of bbls.. | -------- | 3,325 | 3,074 | 4,036 | 4,166 | 3,093 | 4,792 | 3,988 | 2,841 | 3,586 | 4,662 | 4,225 | 3,549 |
| Exports.....thous. of dolls.. | 8,300 | 7,180 | 7,178 | 8,758 | 9,007 | 7,234 | 12,540 | 10,705 | 8,426 | 10,604 | 13,765 | 13,728 | 12,387 |
| Prices, wholesale, New York..dolls per gal.. | .143 | .143 | .143 | .133 | .133 | .133 | .133 | .133 | .133 | .138 | .135 | .141 | 1.41 |
| Prices, retail, filling station, 90 cities.....dolls. per gal.. | -------- | -------- | -------- | -------- | -------- | .125 | .122 | .124 | .137 | .149 | .148 | .146 | .150 |
| Production— | | | | | | | | | | | | | |
| Natural gas (at plants)..thous. of bbls.. | 3,405 | 3,345 | 3,062 | 3,179 | 3,521 | 3,521 | 3,814 | 3,824 | 4,048 | 3,631 | 4,140 | 4,271 | 4,317 |
| Raw (at refineries).....thous. of bbls.. | 36,137 | 38,582 | 37,469 | 39,283 | 38,440 | 37,024 | 39,019 | 36,601 | 35,246 | 31,328 | 32,708 | 34,472 | 33,572 |
| Retail distribution—41 States..mills. of gals.. | -------- | -------- | -------- | -------- | -------- | -------- | -------- | 962 | 874 | 777 | 835 | 890 | 929 |
| Stock, end of month— | | | | | | | | | | | | | |
| Natural gas (at plant)..thous. of bbls.. | 641 | 361 | 614 | 722 | 855 | 860 | 996 | 1,006 | 884 | 692 | 606 | 578 | 596 |
| Raw (at refineries).....thous. of bbls.. | 38,696 | 36,356 | [2] 35,105 | 36,405 | 40,332 | 44,296 | 47,948 | 48,587 | 48,225 | 45,355 | 42,818 | 40,541 | 38,705 |
| Kerosene: | | | | | | | | | | | | | |
| Consumption.....thous. of bbls.. | 3,906 | 3,042 | 2,341 | 2,678 | 2,114 | 2,104 | 2,395 | 2,804 | 2,691 | 2,272 | 2,596 | 2,786 | 2,841 |
| Exports.....thous. of bbls.. | -------- | 1,267 | 1,057 | 1,131 | 1,214 | 720 | 1,145 | 753 | 1,151 | 974 | 1,275 | 1,310 | 970 |
| Price, 150° water white.....dolls. per gal.. | .041 | .039 | .039 | .038 | .038 | .042 | .045 | .048 | .051 | .053 | .054 | .054 | .053 |
| Production.....thous. of bbls.. | 3,815 | 3,701 | 3,239 | 3,685 | 3,696 | 3,404 | 3,389 | 3,397 | 3,676 | 3,171 | 3,560 | 3,575 | 3,590 |
| Stocks at refineries, end of month.....thous. of bbls.. | 5,618 | 5,924 | 6,558 | 6,734 | 6,869 | 6,521 | 5,960 | 6,129 | 6,300 | 6,477 | 6,535 | 6,883 | 7,379 |
| Lubricating oil: | | | | | | | | | | | | | |
| Consumption.....thous. of bbls.. | 1,211 | 1,639 | 1,549 | 1,753 | 1,969 | 1,615 | 1,865 | 1,850 | 1,950 | 1,583 | 1,715 | 1,459 | 1,573 |
| Price cylinder oil.....dolls. per gal.. | -------- | -------- | -------- | -------- | -------- | -------- | -------- | .145 | .145 | .146 | .165 | .172 | .184 |
| Production.....thous. of bbls.. | 2,164 | 2,267 | 2,143 | 2,306 | 2,337 | 2,088 | 2,264 | 2,316 | 2,293 | 2,036 | 2,441 | 2,509 | 2,409 |
| Stocks at refineries, end of month.....thous. of bbls.. | 9,422 | 9,113 | 9,224 | 9,289 | 9,597 | 9,763 | 10,119 | 10,463 | 10,710 | 10,911 | 11,013 | 10,971 | 10,536 |
| Wax: | | | | | | | | | | | | | |
| Production.....thous. of lbs.. | 46,760 | 46,200 | 42,000 | 37,520 | 37,800 | 34,160 | 35,840 | 33,040 | 37,520 | 38,640 | 42,560 | 36,120 | 35,840 |
| Stocks, end of month.....thous. of lbs.. | 183,938 | 189,167 | 191,158 | 192,198 | 198,407 | 200,836 | 205,803 | 205,105 | 208,620 | 229,414 | 233,044 | 232,592 | 237,027 |
| **DISTRIBUTION MOVEMENT** | | | | | | | | | | | | | |
| **Advertising** | | | | | | | | | | | | | |
| Magazine advertising.....thous. of lines.. | 1,882 | 1,911 | 1,603 | 1,316 | 1,613 | 2,191 | 2,375 | 2,421 | 2,203 | 1,992 | 1,585 | [2] 2,230 | [2] 2,483 |
| Magazine advertising, total cost.....thous. of dolls.. | 14,007 | 14,234 | 11,967 | 10,008 | 12,314 | 16,692 | 16,959 | 17,173 | 16,002 | 15,307 | 10,820 | 15,352 | 17,359 |
| Automotive industry.....thous. of dolls.. | 1,311 | 1,469 | 1,604 | 1,304 | 1,393 | 1,886 | 1,886 | 1,632 | 1,418 | 1,801 | 1,001 | 1,505 | 1,536 |
| Building materials.....thous. of dolls.. | 564 | 631 | 397 | 295 | 515 | 682 | 742 | 749 | 651 | 519 | 338 | 446 | 823 |
| Cigars, cigarettes, and tobacco..thous. of dolls.. | 676 | 619 | 547 | 428 | 422 | 486 | 478 | 542 | 507 | 519 | 536 | 749 | 717 |
| Clothing and dry goods.....thous. of dolls.. | 399 | 445 | 354 | 180 | 531 | 481 | 412 | 494 | 436 | 316 | 270 | [2] 395 | 554 |
| Confectionery.....thous. of dolls.. | 342 | 335 | 328 | 378 | 426 | 553 | 387 | 301 | 304 | 302 | 292 | 336 | 382 |
| Drugs and toilet goods.....thous. of dolls.. | 2,729 | 2,665 | 2,277 | 2,210 | 2,658 | [2] 3,221 | 3,417 | 3,552 | 3,421 | 3,194 | 1,687 | 2,510 | 3,105 |
| Financial.....thous. of dolls.. | 251 | 237 | 187 | 180 | 253 | 294 | 274 | 319 | 294 | 267 | 255 | 367 | 322 |
| Foods.....thous. of dolls.. | 2,685 | 2,634 | 2,001 | 1,805 | 1,904 | 2,408 | 2,418 | 2,665 | 3,098 | 3,200 | 1,988 | 2,301 | 2,912 |
| Garden.....thous. of dolls.. | 32 | 42 | 41 | 28 | 59 | 121 | 196 | 210 | 266 | 222 | 119 | 49 | 60 |
| House furnishings.....thous. of dolls.. | 984 | 1,231 | 842 | 453 | 630 | 1,324 | 1,462 | 1,536 | 1,269 | 967 | 619 | [2] 1,217 | 1,430 |
| Jewelry.....thous. of dolls.. | 378 | 246 | 90 | 77 | 159 | [2] 390 | 308 | 168 | 123 | 103 | 292 | 479 | 501 |
| Machinery.....thous. of dolls.. | 72 | 91 | 50 | 55 | 102 | 190 | 157 | 191 | 160 | 191 | 151 | 211 | 229 |
| Office equipment.....thous. of dolls.. | 124 | 167 | 98 | 88 | 170 | 252 | 246 | 216 | 198 | 181 | 210 | 274 | 223 |
| Paints and hardware.....thous. of dolls.. | 116 | 123 | 88 | 45 | 88 | 183 | 216 | 232 | 111 | 79 | 64 | 88 | 168 |
| Petroleum products.....thous. of dolls.. | 404 | 374 | 463 | 422 | 445 | 526 | 458 | 471 | 348 | 384 | 282 | 430 | 471 |
| Radios.....thous. of dolls.. | 308 | 313 | 174 | 114 | 141 | 128 | 116 | 209 | 246 | 348 | 422 | 759 | 713 |
| Schools.....thous. of dolls.. | 217 | 232 | 305 | 317 | 291 | 315 | 294 | 274 | 276 | 363 | 211 | 239 | 273 |
| Shoes.....thous. of dolls.. | 186 | 149 | 95 | 41 | 98 | 268 | 209 | 206 | 168 | 95 | 169 | 275 | 288 |
| Soaps and housekeepers' supplies.....thous. of dolls.. | 806 | 889 | 963 | 683 | 782 | 1,091 | 1,260 | 1,246 | 1,101 | 849 | 471 | 577 | 872 |
| Sporting goods.....thous. of dolls.. | 118 | 117 | 201 | 245 | 334 | 522 | 438 | 309 | 166 | 131 | 252 | 231 | 188 |
| Stationery and books.....thous. of dolls.. | 410 | 434 | 241 | 160 | 180 | 366 | 345 | 380 | 354 | 360 | 406 | 635 | 567 |
| Travel and amusement.....thous. of dolls.. | 333 | 231 | 171 | 172 | 320 | 614 | 711 | 769 | 577 | 480 | 362 | 815 | 616 |
| Miscellaneous.....thous. of dolls.. | 562 | 560 | 459 | 328 | 413 | 451 | 529 | 502 | 510 | 436 | 403 | 464 | 439 |
| Newspaper advertising.....thous. of lines.. | 81,891 | 87,208 | 77,208 | 67,169 | 66,877 | 79,772 | 88,443 | 88,737 | 90,244 | 72,282 | 75,823 | 82,467 | [2] 89,260 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **DISTRIBUTION MOVEMENT—Con.** | | | | | | | | | | | | | |
| **Advertising—Continued** | | | | | | | | | | | | | |
| Radio broadcasting, total cost ..thous. of dolls.. | 3,505 | [2]3,253 | [2]2,739 | 2,527 | 2,764 | 2,835 | 3,036 | 3,164 | 3,141 | 2,591 | 2,637 | 2,718 | 2,577 |
| Automotive industry ..thous. of dolls.. | 172 | 95 | 64 | 68 | 89 | 99 | 91 | 122 | 117 | 98 | 134 | 140 | 113 |
| Building materials ..thous. of dolls.. | 31 | 37 | 28 | 25 | 32 | 19 | 30 | 39 | 37 | 36 | 38 | 39 | 61 |
| Cigars, cigarettes, and tobacco ..thous. of dolls.. | 578 | 513 | 479 | 467 | 476 | 476 | 425 | 434 | 412 | 262 | 238 | 217 | 196 |
| Clothing and dry goods ..thous. of dolls.. | 53 | 49 | 27 | 32 | 38 | 44 | 68 | 66 | 51 | 48 | 48 | 52 | 67 |
| Confectionery ..thous. of dolls.. | 173 | 128 | [2]109 | 106 | 135 | 112 | 100 | 90 | 86 | 84 | 94 | 97 | 97 |
| Drugs and toilet goods ..thous. of dolls.. | 687 | [2]650 | [2]489 | [2]396 | 453 | 452 | 463 | 471 | 465 | 445 | 433 | 384 | 322 |
| Financial ..thous. of dolls.. | 128 | 136 | 116 | 98 | 112 | 126 | 136 | 155 | 125 | 110 | [2]116 | 110 | 107 |
| Foods ..thous. of dolls.. | 806 | 790 | 665 | 652 | 730 | 748 | 762 | 788 | 781 | 690 | 672 | 620 | 568 |
| House furnishings ..thous. of dolls.. | 75 | 59 | 84 | 65 | [2]39 | 44 | 71 | 85 | 93 | 46 | 50 | 46 | 41 |
| Jewelry ..thous. of dolls.. | 12 | 10 | 3 | 0 | 0 | 8 | 18 | 17 | 16 | 10 | 11 | 63 | 90 |
| Machinery ..thous. of dolls.. | 72 | 53 | 31 | 37 | 29 | 39 | 72 | 76 | [2]76 | 86 | 88 | 85 | 85 |
| Paints and hardware ..thous. of dolls.. | 60 | 72 | 57 | 72 | 81 | 72 | 74 | 69 | 56 | 36 | 15 | 13 | 17 |
| Petroleum products ..thous. of dolls.. | 115 | 107 | 89 | 90 | 96 | [2]89 | 95 | 103 | 91 | 84 | 99 | 110 | 113 |
| Radios ..thous. of dolls.. | 50 | 49 | 22 | 18 | 10 | 84 | 104 | 118 | 142 | 121 | 130 | 203 | 202 |
| Shoes, trunks, and bags ..thous. of dolls.. | 144 | 141 | 124 | 51 | 86 | 95 | 131 | 95 | 112 | 91 | 98 | 97 | 91 |
| Soaps and housekeepers' supplies ..thous. of dolls.. | 122 | 122 | 129 | 153 | 146 | 129 | 110 | 115 | 133 | 63 | 71 | 61 | 60 |
| Sporting goods ..thous. of dolls.. | 16 | 13 | 24 | 33 | 34 | 29 | 37 | 29 | 23 | 15 | 3 | 0 | 0 |
| Stationery and publishers ..thous. of dolls.. | 120 | 130 | 118 | 84 | 92 | 86 | 107 | 128 | 122 | 105 | 130 | 134 | 126 |
| Travel and hotels ..thous. of dolls.. | 2 | 2 | 2 | 2 | 2 | 22 | 27 | 30 | 31 | 24 | 24 | 93 | 87 |
| Miscellaneous ..thous. of dolls.. | 89 | 97 | 79 | [2]78 | [2]84 | [2]62 | 115 | 134 | [2]172 | 137 | [2]145 | 154 | 134 |
| **Agricultural Products (Marketing)** | | | | | | | | | | | | | |
| Agricultural, total ..rel. to 1923-25.. | 123.3 | [2]207.1 | 116.6 | 84.9 | 103.2 | 61.4 | 66.4 | 57.9 | 67.3 | 68.7 | 76.3 | 105.0 | 142.8 |
| Animal products: | | | | | | | | | | | | | |
| Dairy products ..rel. to 1923-25.. | 87.1 | 92.6 | 90.5 | 96.3 | 123.6 | 156.6 | 130.9 | 113.1 | 102.9 | 91.3 | 96.4 | 92.7 | 77.8 |
| Fish ..rel. to 1923-25.. | 121.1 | 140.5 | 160.1 | 189.3 | 161.2 | 144.5 | 138.5 | 174.3 | 169.4 | 116.2 | 103.4 | 98.9 | 146.2 |
| Livestock ..rel. to 1923-25.. | 95.5 | 104.2 | 88.3 | 82.5 | 72.6 | 77.9 | 80.2 | 82.6 | 79.6 | 79.8 | 96.2 | 93.9 | 88.0 |
| Poultry and eggs ..rel. to 1923-25.. | 104.4 | 75.4 | 88.4 | 88.0 | 88.6 | 115.6 | 125.6 | 137.0 | 121.8 | 94.0 | 95.0 | 137.8 | 121.6 |
| Wool ..rel. to 1923-25.. | 46.5 | 49.5 | 125.1 | 259.6 | 573.2 | 405.4 | 197.1 | 78.2 | 61.9 | 50.8 | 25.3 | 57.1 | 34.5 |
| Total ..rel. to 1923-25.. | 93.2 | 96.6 | 91.5 | 94.3 | 105.2 | 118.0 | 106.7 | 101.2 | 94.0 | 85.5 | 94.7 | 97.8 | 88.5 |
| Crops: | | | | | | | | | | | | | |
| Cotton ..rel. to 1923-25.. | 189.5 | 366.7 | 152.1 | 29.2 | 22.6 | 9.1 | 28.3 | 29.8 | 38.6 | 45.1 | 64.0 | 144.9 | 240.6 |
| Fruits ..rel. to 1923-25.. | 96.8 | 191.1 | 129.2 | 154.6 | 139.3 | 88.8 | 102.2 | 70.6 | 75.1 | 68.1 | 70.2 | 67.1 | 109.0 |
| Grains ..rel. to 1923-25.. | 66.2 | [2]84.0 | 79.8 | 130.0 | 182.9 | 68.6 | 69.0 | 63.9 | 80.0 | 84.6 | 81.0 | 79.8 | 72.3 |
| Vegetables ..rel. to 1923-25.. | 79.1 | 131.9 | 103.2 | 64.1 | 103.4 | 165.8 | 135.6 | 93.3 | 104.3 | 91.1 | 98.0 | 79.4 | 89.6 |
| Total ..rel. to 1923-25.. | 122.6 | [2]219.2 | 119.3 | 83.9 | 103.0 | 55.2 | 62.0 | 53.1 | 64.4 | 66.8 | 74.3 | 105.8 | 148.8 |
| **Collections** | | | | | | | | | | | | | |
| Delinquent accounts, electrical trade: | | | | | | | | | | | | | |
| Amount ..dollars.. | 73,165 | 95,414 | 78,534 | 70,681 | 98,621 | 111,183 | 91,332 | 112,843 | 138,592 | 122,609 | 112,250 | 150,349 | [2]96,462 |
| Delinquent firms ..number.. | 877 | 987 | 786 | 780 | 933 | 948 | 941 | 1,258 | 1,228 | 1,141 | 1,089 | 1,065 | 868 |
| **Forest Products (Marketing)** | | | | | | | | | | | | | |
| Distilled wood ..rel. to 1923-25.. | 31.1 | 30.0 | 22.1 | 17.2 | 20.4 | 27.5 | 34.7 | 44.6 | 68.9 | 63.7 | 72.9 | 66.4 | 60.8 |
| Gum ..rel. to 1923-25.. | 97.2 | 114.0 | [2]111.9 | 141.5 | 186.7 | 189.9 | 136.5 | 98.3 | 39.7 | 25.5 | 37.1 | 117.7 | 112.9 |
| Lumber ..rel. to 1923-25.. | 54.3 | [2]60.4 | [2]56.6 | 63.2 | 61.1 | 62.1 | 62.8 | 59.1 | 55.4 | 51.6 | 50.5 | 50.7 | 57.4 |
| Pulpwood ..rel. to 1923-25.. | 89.1 | [2]82.1 | [2]56.1 | [2]63.5 | [2]76.1 | [2]93.9 | [2]105.6 | [2]112.5 | [2]100.5 | [2]87.0 | [2]95.1 | [2]99.9 | [2]90.4 |
| Total ..rel. to 1923-25.. | 58.1 | [2]63.1 | [2]67.5 | [2]64.3 | [2]64.6 | [2]67.2 | [2]66.7 | [2]63.6 | [2]59.3 | [2]54.4 | [2]54.5 | [2]56.6 | [2]61.5 |
| **Postal Business** | | | | | | | | | | | | | |
| Air mail, weight dispatched ..pounds.. | ..... | 836,603 | 796,703 | 804,455 | 779,105 | 781,419 | 750,960 | 750,638 | 724,617 | 642,484 | 687,560 | 767,229 | 637,062 |
| Money orders: | | | | | | | | | | | | | |
| Domestic, issued (50 cities)— | | | | | | | | | | | | | |
| Quantity ..thousands.. | ..... | ..... | 3,379 | 3,368 | 3,501 | 3,729 | 3,766 | 3,828 | 4,015 | 3,567 | 3,749 | 4,165 | 3,525 |
| Value ..thous. of dolls.. | ..... | ..... | 33,800 | 33,370 | 34,224 | 36,315 | 36,006 | 37,803 | 37,250 | 33,240 | 36,352 | 39,627 | 34,525 |
| Domestic, paid (50 cities)— | | | | | | | | | | | | | |
| Quantity ..thousands.. | ..... | ..... | 9,124 | 9,074 | 9,930 | 10,734 | 10,902 | 11,562 | 11,132 | 9,701 | 10,590 | 11,716 | 10,248 |
| Value ..thous. of dolls.. | ..... | ..... | 74,679 | 71,622 | 76,365 | 79,311 | 81,956 | 90,646 | 81,747 | 70,935 | 78,273 | 91,923 | 79,964 |
| Foreign, issued ..thous. of dolls.. | ..... | ..... | 4,496 | 3,958 | 4,412 | 4,348 | 4,073 | 4,442 | 5,014 | 4,032 | 4,893 | 10,443 | 5,178 |
| Postal receipts: | | | | | | | | | | | | | |
| Total index ..rel. to 1923-25.. | 95.2 | 107.4 | 98.8 | 88.8 | 92.9 | 99.4 | 104.5 | 109.9 | 113.1 | 100.1 | 110.3 | 145.3 | 106.2 |
| 50 selected cities ..thous. of dolls.. | 25,355 | 28,618 | 26,335 | 23,389 | 24,578 | 26,442 | 27,844 | 29,257 | 30,178 | 26,405 | 29,172 | 38,572 | 28,379 |
| 50 industrial cities ..thous. of dolls.. | 2,809 | 3,150 | 2,897 | 2,869 | 2,903 | 2,957 | 3,047 | 3,268 | 3,284 | 3,215 | 3,466 | 4,418 | 3,028 |
| **Retail Sales** | | | | | | | | | | | | | |
| Department store sales, value of: | | | | | | | | | | | | | |
| United States, adjusted ..rel. to 1923-25.. | 85 | 86 | 84 | 88 | 91 | 95 | 97 | 106 | 97 | 98 | 97 | 94 | 98 |
| United States, unadjusted ..rel. to 1923-25.. | 97 | [2]93 | 87 | 67 | 65 | 90 | 97 | 101 | 92 | 80 | 79 | 165 | 113 |
| Department store stocks, end of month: | | | | | | | | | | | | | |
| United States, adjusted ..rel. to 1923-25.. | ..... | 80 | 81 | 79 | 81 | 82 | 83 | 83 | 84 | 86 | 88 | 91 | 92 |
| United States, unadjusted ..rel. to 1923-25.. | ..... | 88 | 84 | 76 | 75 | 80 | 85 | 87 | 87 | 81 | 78 | 85 | 104 |
| Installment sales in New England dept. stores, ratio to total sales ..per cent.. | ..... | 11.0 | 8.9 | 11.9 | 6.7 | 4.7 | 7.0 | 6.5 | 8.4 | 10.6 | 120 | 8.5 | 7.4 |
| Mail-order houses: | | | | | | | | | | | | | |
| Total sales, 2 houses ..thous. of dolls.. | 45,898 | 52,280 | 45,955 | 43,004 | 45,093 | 49,480 | 50,070 | 52,078 | 43,008 | 39,422 | 41,459 | 72,486 | 55,713 |
| Total sales, 2 houses ..rel. to 1923-25.. | 140 | 160 | 141 | 132 | 138 | 151 | 153 | 159 | 132 | 121 | 127 | 222 | 170 |
| Sears, Roebuck & Co. ..thous. of dolls.. | 27,495 | 30,246 | 28,450 | 26,597 | 29,773 | 30,261 | 31,523 | 31,520 | 25,407 | 24,177 | 24,839 | 43,814 | 33,312 |
| Montgomery Ward & Co. ..thous. of dolls.. | 18,403 | 22,034 | 17,505 | 16,407 | 15,320 | 19,219 | 18,547 | 20,558 | 17,601 | 15,245 | 16,620 | 28,672 | 22,401 |
| Restaurant chains: | | | | | | | | | | | | | |
| Childs Co.— | | | | | | | | | | | | | |
| Sales ..thous. of dolls.. | 1,980 | 2,208 | 2,164 | 2,030 | 1,858 | 1,847 | 1,957 | 2,059 | 2,064 | 1,889 | 2,083 | 2,277 | 2,075 |
| Stores operated ..number.. | 106 | 107 | 108 | 108 | 108 | 109 | 108 | 110 | 111 | 111 | 112 | 112 | 111 |
| J. R. Thompson Co.— | | | | | | | | | | | | | |
| Sales ..thous. of dolls.. | 1,187 | 1,325 | 1,278 | 1,301 | 1,086 | 1,093 | 1,202 | 1,175 | 1,208 | 1,082 | 1,192 | 1,246 | 1,186 |
| Stores operated ..number.. | 116 | 115 | 117 | 117 | 118 | 117 | 116 | 117 | 117 | 120 | 120 | 120 | 121 |
| Waldorf System (Inc.)— | | | | | | | | | | | | | |
| Sales ..thous. of dolls.. | 1,252 | 1,359 | 1,308 | 1,246 | 1,244 | 1,245 | 1,337 | 1,360 | 1,351 | 1,210 | 1,295 | 1,379 | 1,338 |
| Stores operated ..number.. | 156 | 156 | 156 | 154 | 165 | 162 | 162 | 160 | 160 | 160 | 152 | 152 | 147 |
| Total sales, 3 chains— | | | | | | | | | | | | | |
| Total ..thous. of dolls.. | 4,419 | 4,892 | 4,745 | 4,577 | 4,188 | 4,185 | 4,496 | 4,594 | 4,623 | 4,181 | 4,570 | 4,902 | 4,599 |
| Stores operated ..number.. | 378 | 378 | 381 | 379 | 391 | 388 | 386 | 387 | 388 | 391 | 384 | 384 | 379 |
| Grocery chains: | | | | | | | | | | | | | |
| Atlantic & Pacific Tea Co.— | | | | | | | | | | | | | |
| Total sales ..thous. of dolls.. | 74,703 | 95,498 | 74,642 | 74,411 | 95,528 | 80,851 | 102,946 | 85,160 | 82,719 | 82,385 | 97,559 | 81,347 | [2]79,824 |
| Weeks in month ..number.. | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 |
| Weekly average ..thous. of dolls.. | 18,676 | 19,100 | 18,660 | 18,603 | 19,106 | 20,213 | 20,589 | 21,290 | 20,680 | 20,596 | 19,512 | 20,337 | [2]19,956 |
| Tonnage sales ..tons.. | 418,762 | 524,743 | 411,883 | 399,779 | 513,095 | 454,268 | 563,223 | 454,479 | 435,292 | 439,545 | 508,490 | 416,673 | 400,203 |
| Weekly average ..tons.. | 104,691 | 104,949 | 102,971 | 99,945 | 102,619 | 113,567 | 112,645 | 113,620 | 108,823 | 109,886 | 101,980 | 104,168 | 100,051 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **DISTRIBUTION MOVEMENT**—Con. | | | | | | | | | | | | | |
| **Retail Sales**—Continued | | | | | | | | | | | | | |
| Chain stores, sales: | | | | | | | | | | | | | |
| F. W. Woolworth & Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 22,005 | 26,150 | 21,732 | 21,712 | 21,079 | 21,978 | 24,117 | 23,830 | 21,724 | 19,386 | 19,240 | 42,320 | [2] 24,078 |
| Stores operated.....number.. | 1,906 | 1,906 | 1,902 | 1,895 | 1,889 | 1,889 | 1,896 | 1,896 | 1,894 | 1,888 | 1,886 | 1,890 | 1,890 |
| F. & W. Grand— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | ..... | 2,134 | 1,699 | 1,565 | 1,628 | 1,833 | 1,825 | 2,004 | 1,664 | 1,431 | 1,371 | 3,545 | 1,894 |
| Stores operated.....number.. | ..... | 121 | 121 | 119 | 119 | 119 | 118 | 117 | 116 | 114 | 112 | 112 | 112 |
| G. C. Murphy Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 1,578 | 1,715 | 1,490 | 1,519 | 1,475 | 1,569 | 1,549 | 1,588 | 1,329 | 1,204 | 1,221 | 3,170 | 1,579 |
| Stores operated.....number. | 172 | 172 | 172 | 172 | 170 | 169 | 168 | 168 | 166 | 166 | 166 | 166 | [2] 166 |
| Isaac Silver & Bros.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | ..... | 832 | 607 | 589 | 594 | 692 | 695 | 723 | 596 | 513 | 476 | 1,421 | 673 |
| Stores operated.....number.. | ..... | 45 | 44 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| J. C. Penny Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 16,493 | 17,968 | 14,577 | 13,257 | 12,779 | 14,832 | 15,450 | 15,380 | 12,443 | 9,540 | 9,725 | 23,703 | [2] 18,940 |
| Stores operated.....number.. | 1,458 | 1,458 | 1,457 | 1,456 | 1,454 | 1,453 | 1,453 | 1,454 | 1,454 | 1,453 | 1,452 | 1,452 | 1,452 |
| McCrory Stores Corp.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 3,469 | 3,881 | 3,260 | 3,214 | 3,004 | 3,240 | 3,412 | 3,703 | 3,381 | 2,946 | 2,903 | 6,783 | 3,617 |
| Stores operated.....number.. | 244 | 244 | 244 | 243 | 242 | 243 | 243 | 243 | 242 | 242 | 242 | 242 | 242 |
| Metropolitan— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 565 | 643 | 571 | 518 | 558 | 702 | 713 | 722 | 508 | 445 | 487 | 1,606 | 724 |
| Stores operated.....number.. | 83 | 83 | 83 | 83 | 83 | 83 | 84 | 91 | 93 | 94 | 95 | 95 | 95 |
| S. H. Kress & Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 5,587 | 5,706 | 5,295 | 5,286 | 5,104 | 5,467 | 5,469 | 5,761 | 5,259 | 4,487 | 4,400 | 12,061 | 5,528 |
| Stores operated.....number.. | 221 | 222 | 220 | 218 | 218 | 217 | 216 | 216 | 213 | 211 | 211 | 213 | 213 |
| S. S. Kresge Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 11,220 | 12,498 | 10,957 | 10,976 | 10,722 | 11,896 | 12,123 | 12,590 | 11,035 | 9,770 | 9,825 | 23,982 | 12,503 |
| Stores operated.....number.. | 710 | 705 | 703 | 699 | 696 | 694 | 690 | 688 | 684 | 683 | 681 | 678 | 676 |
| W. T. Grant Co.— | | | | | | | | | | | | | |
| Sales.....thous. of dolls.. | 6,485 | 7,423 | 5,570 | 5,395 | 5,227 | 6,289 | 6,606 | 6,402 | 5,334 | 4,347 | 4,110 | 11,797 | 6,677 |
| Stores operated.....number.. | 400 | 400 | 386 | 381 | 375 | 371 | 367 | 364 | 354 | 350 | 350 | 348 | 346 |
| Five and Ten—chain group: | | | | | | | | | | | | | |
| Actual.....rel. to 1923-25.. | 148 | [2] 169 | [2] 142 | [2] 143 | [2] 140 | [2] 148 | [2] 156 | 160 | 144 | 127 | [2] 125 | [2] 300 | [2] 160 |
| Adjusted for seasonal..rel. to 1923-25.. | 146.6 | [2] 152.0 | [2] 156.3 | [2] 160.0 | [2] 148.5 | [2] 161.7 | [2] 168.0 | 167.9 | 158.7 | 162.5 | [2] 161.8 | [2] 154.3 | [2] 159.3 |
| **Warehouses** | | | | | | | | | | | | | |
| Public merchandising warehouses, space occupied.....p. ct. of total.. | ..... | 65.1 | 65.7 | 64.6 | 63.9 | 64.7 | 65.8 | 65.9 | 66.8 | 67.9 | 68.9 | 70.4 | 69.9 |
| **FOREIGN TRADE** | | | | | | | | | | | | | |
| **Canadian** | | | | | | | | | | | | | |
| Total trade: | | | | | | | | | | | | | |
| Exports.....thous. of dolls.. | 58,430 | 56,534 | 49,909 | 49,894 | 50,671 | 55,320 | 60,845 | 34,674 | 56,296 | 44,914 | 45,634 | 68,053 | 74,592 |
| Imports.....thous. of dolls.. | 46,911 | 45,933 | 45,379 | 47,308 | 48,379 | 52,508 | 73,457 | 51,189 | 75,348 | 50,994 | 50,414 | 60,338 | 76,325 |
| **United States** | | | | | | | | | | | | | |
| Exports: | | | | | | | | | | | | | |
| Grand total, including reexports.....thous. of dolls.. | 193,554 | 204,904 | 180,220 | 164,822 | 180,670 | 187,190 | 203,991 | 214,888 | 235,881 | 224,413 | 249,646 | 275,193 | 289,021 |
| By grand divisions— | | | | | | | | | | | | | |
| Africa, total.....thous. of dolls.. | 3,598 | 5,376 | 4,140 | 6,162 | 5,070 | 4,648 | 6,129 | 4,925 | 4,923 | 4,954 | 5,514 | 5,635 | 6,588 |
| Asia and Oceania— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 41,227 | 37,221 | 34,548 | 28,996 | 34,660 | 30,277 | 33,420 | 36,202 | 38,913 | 33,252 | 35,431 | 42,279 | 39,219 |
| Japan.....thous. of dolls.. | 14,259 | 13,131 | 12,370 | 8,357 | 10,885 | 8,798 | 11,201 | 14,230 | 17,995 | 11,257 | 14,743 | 12,593 | 12,425 |
| Europe— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 100,826 | 111,983 | 90,361 | 74,567 | 79,977 | 88,149 | 89,576 | 94,320 | 113,838 | 117,938 | 131,690 | 141,621 | 155,227 |
| France.....thous. of dolls.. | 8,681 | 8,802 | 7,726 | 8,106 | 7,392 | 8,688 | 10,121 | 11,329 | 12,456 | 13,564 | 16,676 | 19,172 | 22,094 |
| Germany.....thous. of dolls.. | 15,694 | 17,352 | 12,837 | 7,873 | 8,286 | 10,819 | 13,153 | 12,282 | 19,195 | 16,960 | 17,015 | 20,326 | 23,686 |
| Italy.....thous. of dolls.. | 4,108 | 6,158 | 3,986 | 3,239 | 3,757 | 3,622 | 3,887 | 3,884 | 5,691 | 4,168 | 5,260 | 8,625 | 7,582 |
| United Kingdom..thous. of dolls.. | 46,280 | 50,559 | 34,589 | 27,815 | 32,564 | 30,915 | 34,238 | 33,344 | 39,706 | 38,626 | 49,744 | 53,871 | 61,094 |
| North America— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 38,550 | 40,072 | 40,941 | 44,328 | 48,018 | 51,247 | 59,581 | 62,974 | 63,068 | 52,762 | 56,952 | 61,921 | 64,471 |
| Canada.....thous. of dolls.. | 25,760 | 26,621 | 28,002 | 30,579 | 32,677 | 35,030 | 41,664 | 44,851 | 41,860 | 35,305 | 33,657 | 36,326 | 41,689 |
| South America— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 9,354 | 10,252 | 10,230 | 10,770 | 12,945 | 12,869 | 15,286 | 16,467 | 15,139 | 15,508 | 20,049 | 23,737 | 23,516 |
| Argentina.....thous. of dolls.. | 2,701 | 3,435 | 3,658 | 4,420 | 4,706 | 4,295 | 5,583 | 5,803 | 4,512 | 4,922 | 5,467 | 8,801 | 8,728 |
| By economic classes— | | | | | | | | | | | | | |
| Total domestic exports only.....thous. of dolls.. | 190,392 | [2] 201,381 | [2] 177,383 | 161,494 | 176,980 | 182,987 | 199,205 | 210,061 | 231,077 | 220,666 | 245,771 | 270,810 | 285,441 |
| Crude materials.....thous. of dolls.. | 68,042 | 63,624 | [2] 44,390 | 25,502 | 28,378 | 29,070 | 36,484 | 40,149 | 56,428 | 47,600 | 58,625 | 76,735 | 90,930 |
| Foodstuffs, crude, and food animals.....thous. of dolls.. | 13,754 | 13,967 | 10,289 | 9,981 | 13,999 | 11,119 | 10,546 | 8,626 | 9,583 | 7,316 | 8,487 | 13,462 | 15,592 |
| Manufactured foodstuffs.....thous. of dolls.. | 20,807 | 25,349 | [2] 18,124 | 18,075 | 18,306 | 17,531 | 18,868 | 19,593 | 23,381 | 22,165 | 27,039 | 27,033 | 29,992 |
| Finished manufactures.thous. of dolls.. | 66,948 | [2] 77,255 | 83,188 | 84,069 | 88,348 | 97,736 | 103,416 | 110,768 | 110,256 | 116,110 | 117,053 | 119,670 | 115,802 |
| Semifinished manufactures.....thous. of dolls.. | 20,841 | 21,186 | [2] 21,391 | 23,868 | 27,949 | 27,451 | 29,891 | 30,925 | 31,429 | 27,415 | 34,567 | 33,910 | 33,125 |
| Agricultural exports (quantities)— | | | | | | | | | | | | | |
| All commodities.....rel. to 1910-14.. | ..... | 139 | 86 | 53 | 63 | 58 | 66 | 68 | 87 | 71 | 85 | 109 | 126 |
| All commodities (except cotton).....rel. to 1910-14.. | ..... | 127 | 92 | 83 | 97 | 86 | 89 | 81 | 86 | 82 | 95 | 105 | 116 |
| Imports: | | | | | | | | | | | | | |
| Grand total.....thous. of dolls.. | 149,719 | 168,707 | 170,368 | 166,679 | 174,460 | 173,673 | 179,694 | 185,706 | 210,200 | 175,108 | 183,132 | 208,721 | 203,713 |
| By grand divisions— | | | | | | | | | | | | | |
| Africa, total.....thous. of dolls.. | 2,141 | 1,697 | 3,096 | 2,400 | 2,384 | 2,773 | 4,337 | 3,778 | 3,052 | 2,344 | 3,500 | 3,353 | 3,938 |
| Asia and Oceania— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 44,366 | 48,413 | 42,494 | 45,581 | 48,772 | 52,757 | 49,964 | 53,180 | 59,552 | 50,183 | 56,024 | 64,941 | 53,032 |
| Japan.....thous. of dolls.. | 20,408 | 19,474 | 17,256 | 16,052 | 16,057 | 14,988 | 15,580 | 12,183 | 18,454 | 16,255 | 19,711 | 27,208 | 19,620 |
| Europe— | | | | | | | | | | | | | |
| Total.....thous. of dolls.. | 49,306 | 56,302 | 60,788 | 50,776 | 51,359 | 47,480 | 51,841 | 53,387 | 62,174 | 51,172 | 52,940 | 56,661 | 56,560 |
| France.....thous. of dolls.. | 6,415 | 8,971 | 7,799 | 6,551 | 5,459 | 5,516 | 6,143 | 6,250 | 6,598 | 6,880 | 5,881 | 7,275 | 8,227 |
| Germany.....thous. of dolls.. | 8,274 | 12,071 | 12,203 | 11,373 | 11,734 | 8,937 | 9,512 | 11,249 | 13,434 | 9,486 | 10,682 | 11,619 | 11,166 |
| Italy.....thous. of dolls.. | 6,519 | 5,648 | 5,635 | 4,351 | 4,138 | 4,269 | 4,627 | 5,741 | 6,192 | 5,128 | 3,724 | 5,252 | 6,353 |
| United Kingdom..thous. of dolls.. | 8,547 | 11,278 | 13,379 | 11,509 | 10,951 | 11,000 | 12,354 | 11,561 | 13,033 | 11,970 | 10,913 | 11,468 | 15,289 |

[2] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FOREIGN TRADE—Continued** | | | | | | | | | | | | | |
| **United States—Continued** | | | | | | | | | | | | | |
| Imports—Continued | | | | | | | | | | | | | |
| North America— | | | | | | | | | | | | | |
| Total ... thous. of dolls. | 34,142 | 40,608 | 41,608 | 45,346 | 47,827 | 44,456 | 45,177 | 46,484 | 50,230 | 42,294 | 43,858 | 53,257 | 54,526 |
| Canada ... thous. of dolls. | 20,464 | 21,281 | 21,928 | 20,529 | 22,341 | 22,854 | 24,110 | 23,757 | 24,148 | 21,454 | 23,534 | 26,139 | 30,279 |
| South America— | | | | | | | | | | | | | |
| Total ... thous. of dolls. | 19,763 | 21,687 | 22,380 | 22,567 | 24,133 | 26,068 | 28,844 | 26,917 | 34,599 | 29,115 | 26,928 | 30,509 | 26,657 |
| Argentina ... thous. of dolls. | 2,431 | 3,309 | 4,753 | 3,595 | 3,042 | 2,645 | 3,215 | 2,638 | 3,506 | 2,849 | 2,356 | 2,519 | 2,370 |
| By economic classes— | | | | | | | | | | | | | |
| Total ... thous. of dolls. | 149,719 | 168,707 | 170,368 | 166,779 | 174,460 | 173,673 | 179,694 | 185,706 | 210,200 | 175,108 | 183,132 | 208,721 | 203,713 |
| Crude materials ... thous. of dolls. | 47,863 | 52,377 | 52,927 | 47,686 | 49,978 | 52,416 | 54,160 | 54,702 | 64,607 | 56,357 | 59,318 | 69,079 | 59,243 |
| Foodstuffs, crude, and food animals ... thous. of dolls. | 19,534 | 20,355 | 18,649 | 21,820 | 25,930 | 27,435 | 30,774 | 28,912 | 33,020 | 28,314 | 27,363 | 30,029 | 27,337 |
| Manufactured foodstuffs ... thous. of dolls. | 13,464 | 16,468 | 16,483 | 25,541 | 21,120 | 19,744 | 18,850 | 22,985 | 23,558 | 17,737 | 14,644 | 22,312 | 21,045 |
| Finished manufactures ... thous. of dolls. | 41,271 | 50,484 | 52,012 | 45,295 | 47,442 | 44,276 | 45,527 | 45,734 | 49,226 | 41,168 | 44,947 | 49,172 | 57,826 |
| Semifinished manufactures ... thous. of dolls. | 27,587 | 29,023 | 30,295 | 28,336 | 29,990 | 29,803 | 30,382 | 33,373 | 39,789 | 31,532 | 36,860 | 38,129 | 38,262 |
| **EMPLOYMENT AND WAGES** | | | | | | | | | | | | | |
| **Employment** | | | | | | | | | | | | | |
| Factory employment, adjusted (Fed. Res. Bd.): | | | | | | | | | | | | | |
| Total ... rel. to 1923–25 | 69.3 | 70.3 | 72.8 | 74.1 | 75.1 | 76.0 | 77.8 | 78.0 | 77.9 | 77.8 | 78.3 | 80.1 | 81.1 |
| Cement, clay, and glass ... rel. to 1923–25 | 55.9 | 57.6 | 59.4 | 68.1 | 62.7 | 64.4 | 65.4 | 65.2 | 65.2 | 65.0 | 64.4 | 68.6 | 70.0 |
| Chemicals— | | | | | | | | | | | | | |
| Group ... rel. to 1923–25 | 83.1 | 85.4 | 85.7 | 86.6 | 89.4 | 89.6 | 93.0 | 91.7 | 89.8 | 94.5 | 96.6 | 97.9 | 98.3 |
| Petroleum, refined ... rel. to 1923–25 | 82.2 | 83.2 | 82.9 | 84.8 | 87.1 | 90.2 | 94.5 | 94.0 | 87.2 | 97.4 | 99.7 | 100.8 | 100.8 |
| Iron and steel ... rel. to 1923–25 | 65.3 | 66.2 | 67.4 | 70.3 | 72.1 | 72.6 | 74.8 | 76.5 | 76.6 | 75.9 | 77.5 | 79.1 | 80.2 |
| Leather and its products ... rel. to 1923–25 | 70.1 | 76.4 | 80.9 | 84.3 | 84.8 | 83.9 | 84.2 | 84.0 | 82.2 | 78.4 | 77.1 | 76.6 | 77.4 |
| Lumber and its products ... rel. to 1923–25 | 47.4 | 48.4 | 49.4 | 51.1 | 52.0 | 54.4 | 55.4 | 55.4 | 55.7 | 56.3 | 56.3 | 58.8 | 60.4 |
| Machinery ... rel. to 1923–25 | 64.6 | 65.6 | 67.3 | 67.7 | 70.3 | 73.4 | 76.3 | 78.0 | 79.3 | 80.6 | 81.9 | 84.2 | 85.7 |
| Nonferrous metals ... rel. to 1923–25 | 61.4 | 61.7 | 62.5 | 63.1 | 64.2 | 65.4 | 66.6 | 66.5 | 66.6 | 66.8 | 69.2 | 71.2 | 71.8 |
| Paper and printing ... rel. to 1923–25 | 89.7 | 91.0 | 91.1 | 93.0 | 93.0 | 93.6 | 95.3 | 95.0 | 94.7 | 94.9 | 95.6 | 96.7 | 97.0 |
| Rubber products ... rel. to 1923–25 | 73.3 | 70.3 | 69.8 | 70.5 | 73.8 | 75.7 | 74.0 | 70.5 | 68.4 | 71.4 | 73.7 | 74.7 | 75.2 |
| Textiles ... rel. to 1923–25 | 73.6 | 76.0 | 80.0 | 80.9 | 79.6 | 78.6 | 81.2 | 80.2 | 79.7 | 77.2 | 75.5 | 77.4 | 79.4 |
| Tobacco production ... rel. to 1923–25 | 74.8 | 75.8 | 77.2 | 79.1 | 81.4 | 80.4 | 82.1 | 82.1 | 83.4 | 84.6 | 81.3 | 83.5 | 82.0 |
| Transportation— | | | | | | | | | | | | | |
| Group ... rel. to 1923–25 | 53.4 | 51.7 | 57.2 | 58.3 | 60.2 | 62.4 | 63.2 | 63.8 | 64.3 | 64.9 | 67.1 | 69.4 | 68.6 |
| Automobiles ... rel. to 1923–25 | 56.1 | 50.5 | 62.0 | 64.2 | 67.6 | 70.7 | 70.9 | 70.3 | 70.2 | 68.8 | 72.3 | 78.9 | 76.4 |
| Nonmanufacturing industries: | | | | | | | | | | | | | |
| Anthracite mining ... rel. to 1929 | 83.8 | 86.8 | 80.0 | 67.3 | 65.1 | 76.1 | 80.3 | 85.2 | 82.0 | 89.5 | 90.6 | 99.1 | 97.2 |
| Bituminous coal mining ... rel. to 1929 | 81.1 | 81.3 | 80.4 | 77.0 | 76.4 | 78.4 | 82.4 | 85.9 | 88.8 | 91.5 | 93.9 | 92.5 | 92.5 |
| Metalliferous mining ... rel. to 1929 | 52.8 | 53.8 | 55.5 | 55.8 | 56.2 | 60.0 | 62.4 | 63.9 | 63.5 | 65.3 | 68.3 | 70.1 | 72.8 |
| Quarrying and nonmetallic mining ... rel. to 1929 | 59.3 | 64.5 | 66.6 | 68.9 | 71.0 | 72.3 | 75.0 | 76.1 | 70.0 | 66.6 | 64.4 | 70.2 | 78.3 |
| Crude petroleum producing ... rel. to 1929 | 57.6 | 60.4 | 61.2 | 62.4 | 65.3 | 65.0 | 67.8 | 69.8 | 72.2 | 73.2 | 74.8 | 77.4 | 83.6 |
| Telephone and telegraph ... rel. to 1929 | 83.5 | 84.1 | 85.0 | 85.9 | 86.6 | 86.9 | 87.4 | 88.1 | 88.6 | 89.2 | 90.5 | 91.6 | 93.0 |
| Power, light, and water ... rel. to 1929 | 91.3 | 92.7 | 94.7 | 95.9 | 96.7 | 97.2 | 97.6 | 97.1 | 96.7 | 97.8 | 99.2 | 103.2 | 103.4 |
| Operation and maintenance of electric railroads ... rel. to 1929 | 81.5 | 82.7 | 84.0 | 84.8 | 85.6 | 85.3 | 85.9 | 86.8 | 86.4 | 86.6 | 86.9 | 88.8 | 89.3 |
| Wholesale trade ... rel. to 1929 | 84.1 | 85.2 | 86.1 | 86.5 | 86.8 | 87.1 | 87.1 | 87.4 | 87.4 | 88.2 | 89.5 | 92.0 | 92.6 |
| Retail trade ... rel. to 1929 | 90.9 | 89.8 | 86.6 | 81.8 | 83.9 | 89.1 | 89.9 | 90.1 | 87.8 | 87.1 | 90.0 | 115.1 | 98.4 |
| Hotels ... rel. to 1929 | 85.9 | 88.5 | 90.6 | 92.8 | 93.3 | 91.6 | 92.5 | 95.9 | 96.8 | 96.8 | 95.0 | 93.5 | 95.2 |
| Canning and preserving ... rel. to 1929 | 60.8 | 108.1 | 180.1 | 142.9 | 102.2 | 70.6 | 56.0 | 59.6 | 53.0 | 48.3 | 48.9 | 61.6 | 96.7 |
| Employees on pay roll, unadjusted: | | | | | | | | | | | | | |
| Cleveland ... rel. to Jan., 1921 | 77.1 | 76.0 | 75.6 | 81.3 | 80.3 | 83.8 | 86.9 | 88.8 | 90.0 | 90.0 | 89.8 | 87.9 | 87.4 |
| Delaware ... rel. to 1923–25 | 74.9 | 74.5 | 81.2 | 83.2 | 84.4 | 85.6 | 86.3 | 86.9 | 88.1 | 87.6 | 87.1 | 86.7 | 87.9 |
| Detroit ... rel. to 1923–25 | 52.7 | 41.7 | 51.0 | 50.0 | 61.8 | 73.2 | 80.4 | 83.5 | 83.0 | 81.2 | 76.5 | 40.0 | 75.8 |
| Illinois ... rel. to 1925–27 | 62.3 | 65.7 | 68.3 | 70.1 | 70.5 | 72.3 | 74.5 | 75.6 | 76.6 | 76.5 | 76.3 | 77.5 | 77.7 |
| Iowa ... rel. to 1923 | 102.2 | 105.0 | 106.3 | 109.1 | 108.7 | 110.1 | 110.1 | 111.0 | 112.5 | 114.6 | 113.8 | 117.2 | 117.7 |
| Massachusetts ... rel. to 1925–27 | 60.2 | 63.1 | 68.6 | 69.1 | 67.6 | 69.0 | 70.8 | 72.2 | 71.9 | 71.2 | 69.4 | 69.9 | 73.2 |
| Maryland ... rel. to 1924 | 67.2 | 70.6 | 72.0 | 72.3 | 72.5 | 73.8 | 75.9 | 76.2 | 76.2 | 75.5 | 73.6 | 76.7 | 78.8 |
| New Jersey ... rel. to 1923–25 | 71.0 | 72.4 | 73.2 | 73.0 | 72.6 | 73.6 | 75.3 | 75.7 | 77.0 | 77.4 | 77.9 | 82.2 | 85.8 |
| New York State ... rel. to 1923 | 61.5 | 63.7 | 65.8 | 64.0 | 64.2 | 65.6 | 67.6 | 69.0 | 69.6 | 68.5 | 67.5 | 69.3 | 72.0 |
| New York State ... number | 340,494 | 352,453 | 364,265 | 353,895 | 355,504 | 362,885 | 373,993 | 382,045 | 384,983 | 379,089 | 373,304 | 383,518 | 398,424 |
| Ohio ... rel. to 1926 | 71.0 | 74.3 | 75.5 | 76.9 | 78.2 | 81.3 | 82.7 | 83.0 | 82.4 | 80.9 | 79.8 | 81.9 | 82.1 |
| Pennsylvania ... rel. to 1923–25 | 71.5 | 71.9 | 72.7 | 72.9 | 72.5 | 74.8 | 77.4 | 79.4 | 79.8 | 80.2 | 78.9 | 81.7 | 84.7 |
| Wisconsin ... rel. to 1925–27 | 68.2 | 70.7 | 75.0 | 75.6 | 79.6 | 76.7 | 78.1 | 77.9 | 78.2 | 77.6 | 76.9 | 77.5 | 78.5 |
| Anthracite mines, employment ... rel. to 1923–25 | 81.2 | 84.4 | 77.8 | 65.5 | 63.4 | 74.2 | 78.3 | 82.9 | 79.9 | 87.1 | 88.3 | 96.5 | 94.7 |
| Applicants per 100 jobs, employment agencies: | | | | | | | | | | | | | |
| Canada ... number | | 151 | 195 | 266 | 237 | 206 | 165 | 151 | 147 | 141 | 156 | 133 | 189 |
| United States ... number | | 221 | 196 | 217 | 209 | 205 | 181 | 177 | 179 | 202 | 224 | 218 | 227 |
| Central States ... number | | 269 | 250 | 273 | 247 | 246 | 206 | 199 | 215 | 232 | 261 | 233 | 251 |
| Eastern States ... number | | 231 | 191 | 212 | 235 | 221 | 187 | 181 | 202 | 209 | 254 | 239 | 231 |
| Southern States ... number | | 264 | 287 | 411 | 265 | 277 | 345 | 237 | 215 | 265 | 293 | 314 | 344 |
| Western States ... number | | 118 | 91 | 94 | 94 | 84 | 66 | 80 | 75 | 89 | 91 | 103 | 123 |
| Illinois ... number | 208 | 251 | 220 | 244 | 250 | 245 | 218 | 215 | 228 | 250 | 331 | 270 | 280 |
| Wisconsin ... number | | 249 | 232 | 199 | 186 | 212 | 197 | 172 | 197 | 259 | 230 | 191 | 210 |
| Employment Trade Unions: | | | | | | | | | | | | | |
| Canada ... p. ct. of total membership | | | 81.9 | 84.2 | 83.8 | 83.7 | 83.8 | 85.1 | 84.5 | 84.4 | 84.0 | 83.0 | 86.2 |
| United States ... p. ct. of total membership | 73.0 | 74.0 | 74.0 | 74.0 | 74.0 | 75.0 | 75.0 | 75.0 | 74.0 | 73.0 | 73.0 | 77.0 | 78.0 |
| Employment, Canada ... rel. to 1926 | | 103.9 | 107.1 | 105.2 | 103.8 | 103.6 | 102.2 | 99.7 | 100.2 | 100.7 | 101.7 | 108.5 | 112.9 |
| Factories, time operated: | | | | | | | | | | | | | |
| Total ... p. ct. of full time | | 88 | 88 | 89 | 89 | 89 | 90 | 91 | 91 | 90 | 89 | 90 | 90 |
| Chemicals and other products ... p. ct. of full time | | 93 | 94 | 93 | 92 | 95 | 96 | 97 | 96 | 95 | 95 | 95 | 95 |
| Food and kindred products ... p. ct. of full time | | 96 | 96 | 95 | 96 | 95 | 96 | 96 | 96 | 96 | 97 | 97 | 97 |
| Leather and its finished products ... p. ct. of full time | | 83 | 90 | 93 | 92 | 90 | 91 | 92 | 91 | 92 | 89 | 87 | 84 |
| Lumber and its manufactures ... p. ct. of full time | | 82 | 83 | 83 | 84 | 85 | 85 | 86 | 85 | 84 | 83 | 84 | 86 |
| Iron and steel and their products ... p. ct. of full time | | 74 | 74 | 76 | 76 | 77 | 79 | 80 | 80 | 80 | 80 | 80 | 80 |
| Nonferrous metals ... p. ct. of full time | | 83 | 82 | 84 | 84 | 84 | 85 | 86 | 87 | 87 | 86 | 86 | 87 |
| Paper and printing ... p. ct. of full time | | 92 | 92 | 93 | 93 | 94 | 95 | 95 | 96 | 95 | 95 | 96 | 96 |
| Stone, clay, and glass products ... p. ct. of full time | | 88 | 88 | 90 | 90 | 90 | 91 | 91 | 91 | 90 | 90 | 90 | 91 |

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **EMPLOYMENT AND WAGES—Con.** | | | | | | | | | | | | | |
| **Employment—Continued** | | | | | | | | | | | | | |
| Textiles and their products.....p. ct. of full time.. | ..... | 91 | 91 | 92 | 92 | 92 | 93 | 93 | 94 | 93 | 90 | 90 | 91 |
| Tobacco manufactures..p. ct. of full time.. | ..... | 84 | 85 | 88 | 87 | 87 | 87 | 86 | 87 | 85 | 88 | 91 | 89 |
| Vehicles for land transportation.....p. ct. of full time.. | ..... | 88 | 89 | 90 | 89 | 91 | 92 | 92 | 91 | 91 | 89 | 91 | 91 |
| Miscellaneous industries.....p. ct. of full time.. | ..... | 85 | 85 | 85 | 85 | 86 | 88 | 88 | 87 | 87 | 88 | 88 | 88 |
| Federal Civilian Employees (Washington).....number.. | ..... | 70,056 | 70,580 | 70,885 | 71,658 | 71,693 | 72,417 | 72,297 | 71,917 | 71,162 | 71,252 | 71,189 | 71,052 |
| Hours of work in factories: | | | | | | | | | | | | | |
| Actual.....hours per week.. | ..... | 38.2 | 39.2 | 39.9 | 39.9 | 40.9 | 42.7 | 41.7 | 41.8 | 42.3 | 40.2 | 41.6 | ..... |
| Nominal.....hours per week.. | ..... | 48.0 | 48.1 | 48.2 | 48.0 | 47.9 | 48.0 | 48.0 | 48.2 | 47.9 | 48.0 | 48.3 | ..... |
| Labor disputes: | | | | | | | | | | | | | |
| Disputes.....number.. | ..... | ..... | 89 | 58 | 54 | 51 | 49 | 39 | 27 | 34 | 20 | 7 | 29 |
| Man-days lost in month.....number.. | ..... | ..... | 695,963 | 1,217,397 | 666,309 | 506,097 | 402,437 | 769,720 | 422,545 | 228,329 | 181,031 | 194,455 | 273,608 |
| Workers involved.....number.. | ..... | ..... | 46,029 | 21,667 | 58,995 | 17,071 | 15,735 | 22,604 | 28,139 | 12,512 | 2,927 | 5,144 | 7,759 |
| Labor turnover: | | | | | | | | | | | | | |
| Accessions.....p. ct. of no. on pay roll.. | 42.7 | 32.4 | 43.6 | 30.6 | 35.5 | 29.3 | 32.8 | 37.2 | 43.2 | 36.8 | 35.0 | 44.6 | 47.6 |
| Separations— | | | | | | | | | | | | | |
| Total.....p. ct. of no. on pay roll.. | 46.1 | 73.2 | 68.4 | 43.2 | 54.9 | 61.9 | 45.1 | 41.6 | 34.8 | 35.0 | 33.9 | 25.1 | 24.9 |
| Discharges...p. ct. of no. on pay roll.. | 2.0 | 2.5 | 2.9 | 2.6 | 2.9 | 2.8 | 3.3 | 3.8 | 3.1 | 2.6 | 2.2 | 2.5 | 2.9 |
| Lay-offs.....p. ct. of no. on pay roll.. | 35.7 | 59.0 | 51.4 | 28.2 | 39.1 | 46.7 | 28.6 | 23.9 | 20.6 | 22.8 | 23.0 | 32.2 | 33.7 |
| Voluntary quits.....p. ct. of no. on pay roll.. | 8.5 | 11.8 | 14.1 | 12.4 | 12.9 | 12.4 | 13.2 | 13.9 | 11.1 | 9.6 | 8.7 | 9.9 | 11.0 |
| Ohio construction, employment.....rel. to 1926.. | 45.4 | 54.2 | 58.3 | 60.0 | 62.8 | 63.3 | 61.3 | 60.0 | 53.7 | 51.9 | 49.4 | 59.8 | 72.0 |
| Railways, employees on pay roll..thousands.. | ..... | ..... | 1,254 | 1,288 | 1,310 | 1,317 | 1,337 | 1,331 | 1,319 | 1,316 | 1,334 | 1,357 | 1,394 |
| **Wages** | | | | | | | | | | | | | |
| Anthracite mines, pay roll.....rel. to 1923-25.. | 62.3 | 77.3 | 55.0 | 47.8 | 45.6 | 56.5 | 64.6 | 63.8 | 55.7 | 79.8 | 75.8 | 85.0 | 83.2 |
| Factory pay rolls (Fed. Res. Bd.): | | | | | | | | | | | | | |
| Total.....rel. to 1923-25.. | 56.2 | 59.4 | 61.8 | 64.3 | 64.4 | 67.6 | 72.1 | 73.6 | 74.9 | 73.2 | 68.4 | 73.7 | 75.1 |
| Cement, clay, and glass....rel. to 1923-25.. | 40.9 | 43.9 | 46.1 | 48.1 | 49.4 | 54.4 | 56.7 | 55.7 | 54.0 | 51.4 | 46.6 | 56.3 | 60.9 |
| Chemicals— | | | | | | | | | | | | | |
| Group.....rel. to 1923-25.. | 76.4 | 80.8 | 80.8 | 80.4 | 82.9 | 84.1 | 88.4 | 92.0 | 89.8 | 92.9 | 90.4 | 94.7 | 96.1 |
| Petroleum refining.....rel. to 1923-25.. | 77.3 | 80.8 | 83.0 | 85.6 | 89.6 | 91.1 | 96.1 | 96.7 | 90.8 | 100.8 | 99.3 | 101.4 | 103.2 |
| Iron and steel.....rel. to 1923-25.. | 41.2 | 43.9 | 45.2 | 50.6 | 52.4 | 57.6 | 64.9 | 69.1 | 70.0 | 67.5 | 62.4 | 66.7 | 68.9 |
| Leather and its products...rel. to 1923-25.. | 47.0 | 56.4 | 67.7 | 75.5 | 72.6 | 66.7 | 68.7 | 70.6 | 73.4 | 68.8 | 60.6 | 58.1 | 55.0 |
| Lumber and its products...rel. to 1923-25.. | 34.4 | 38.2 | 40.3 | 41.3 | 41.7 | 44.6 | 45.7 | 44.9 | 46.2 | 45.6 | 44.0 | 50.4 | 54.7 |
| Machinery.....rel. to 1923-25.. | 48.3 | 50.2 | 51.2 | 54.9 | 57.4 | 62.4 | 67.8 | 69.7 | 72.0 | 71.9 | 69.9 | 75.0 | 75.1 |
| Nonferrous metals.....rel. to 1923-25.. | 48.8 | 49.9 | 50.2 | 52.9 | 54.5 | 59.1 | 63.4 | 65.4 | 66.3 | 64.4 | 64.1 | 67.9 | 67.3 |
| Paper and printing.....rel. to 1923-25.. | 90.6 | 91.4 | 90.4 | 93.1 | 93.6 | 96.6 | 100.0 | 100.6 | 101.9 | 100.7 | 101.3 | 105.7 | 105.0 |
| Rubber products.....rel. to 1923-25.. | 50.1 | 53.7 | 54.6 | 62.2 | 64.0 | 72.4 | 71.0 | 66.8 | 63.2 | 63.8 | 63.8 | 62.6 | 58.7 |
| Textiles.....rel. to 1923-25.. | 59.3 | 66.0 | 71.0 | 70.2 | 65.9 | 66.7 | 71.7 | 76.8 | 81.9 | 76.9 | 68.4 | 72.2 | 73.4 |
| Tobacco products.....rel. to 1923-25.. | 64.5 | 64.6 | 62.7 | 66.3 | 67.5 | 68.6 | 68.3 | 65.7 | 68.3 | 65.3 | 64.3 | 77.7 | 76.8 |
| Transportation— | | | | | | | | | | | | | |
| Group.....rel. to 1923-25.. | 45.2 | 45.3 | 45.6 | 50.9 | 52.7 | 58.8 | 66.1 | 65.3 | 64.1 | 62.2 | 51.8 | 60.8 | 60.8 |
| Automobile.....rel. to 1923-25.. | 42.3 | 41.4 | 41.5 | 50.4 | 53.2 | 62.1 | 75.6 | 70.8 | 67.7 | 61.1 | 40.0 | 55.5 | 57.4 |
| Nonmanufacturing industries: | | | | | | | | | | | | | |
| Anthracite mining.....rel. to 1929.. | 79.9 | 91.1 | 64.9 | 56.4 | 53.7 | 66.7 | 76.1 | 75.2 | 71.3 | 101.9 | 89.3 | 100.0 | 98.0 |
| Bituminous coal mining.....rel. to 1929.. | 54.6 | 56.2 | 53.6 | 50.6 | 50.4 | 52.4 | 54.4 | 58.6 | 65.2 | 68.3 | 73.3 | 77.7 | 79.1 |
| Metalliferous mining.....rel. to 1929.. | 35.1 | 37.4 | 40.0 | 40.2 | 41.3 | 46.1 | 49.3 | 51.4 | 52.8 | 54.6 | 55.0 | 59.9 | 63.4 |
| Quarrying and nonmetallic mining.....rel. to 1929.. | 43.3 | 48.7 | 51.2 | 55.1 | 57.3 | 60.1 | 62.3 | 62.6 | 58.2 | 54.4 | 50.4 | 59.9 | 66.8 |
| Crude petroleum producing ..rel. to 1929.. | 52.0 | 54.4 | 55.2 | 56.3 | 59.2 | 62.7 | 64.7 | 66.3 | 73.2 | 70.0 | 71.5 | 77.2 | 80.0 |
| Telephone and telegraph.....rel. to 1929.. | 89.7 | 91.6 | 92.1 | 92.3 | 93.3 | 95.0 | 94.1 | 95.0 | 97.9 | 94.8 | 96.3 | 101.3 | 97.7 |
| Power, light, and water.....rel. to 1929.. | 93.3 | 93.2 | 94.3 | 96.2 | 97.4 | 98.3 | 98.7 | 97.6 | 102.4 | 99.7 | 98.6 | 106.3 | 103.7 |
| Operation and maintenance of electric railroads.....rel. to 1929.. | 79.7 | 79.0 | 81.2 | 81.9 | 83.3 | 84.8 | 85.1 | 86.6 | 88.1 | 87.1 | 85.6 | 88.6 | 87.7 |
| Wholesale trade.. .....rel. to 1929.. | 79.7 | 79.9 | 81.4 | 82.1 | 83.3 | 84.1 | 84.7 | 85.2 | 89.1 | 88.4 | 87.5 | 91.3 | 91.0 |
| Retail trade.....rel. to 1929.. | 85.4 | 84.6 | 83.5 | 80.3 | 83.3 | 87.6 | 88.0 | 88.3 | 87.5 | 86.7 | 89.4 | 107.7 | 96.8 |
| Hotels.....rel. to 1929.. | 77.1 | 79.7 | 81.9 | 83.8 | 85.2 | 85.4 | 87.7 | 89.9 | 93.4 | 93.7 | 91.0 | 91.5 | 93.6 |
| Canning and preserving.....rel. to 1929.. | 48.1 | 77.6 | 129.4 | 104.7 | 74.2 | 58.6 | 56.0 | 57.1 | 50.3 | 48.6 | 46.1 | 57.4 | 82.9 |
| Farm wages, without board .....dolls. per month.. | ..... | ..... | [1] 34.22 | ..... | ..... | [1] 37.00 | ..... | ..... | [1] 38.37 | ..... | ..... | [1] 39.04 | ..... |
| Industrial pay rolls: | | | | | | | | | | | | | |
| Total, monthly— | | | | | | | | | | | | | |
| Delaware.....rel. to 1923-25.. | 54.7 | 61.0 | 64.1 | 68.9 | 68.7 | 78.0 | 81.1 | 79.7 | 81.7 | 79.9 | 77.0 | 78.7 | 78.1 |
| New Jersey.....rel. to 1923-25.. | 65.8 | 68.9 | 66.6 | 70.7 | 70.8 | 72.0 | 76.3 | 76.1 | 77.3 | 78.6 | 77.5 | 83.4 | 87.7 |
| New York.....rel. to 1923.. | 56.2 | 59.0 | 63.0 | 61.6 | 62.0 | 63.2 | 66.6 | 69.1 | 71.1 | 68.8 | 66.7 | 69.7 | 72.2 |
| Pennsylvania.....rel. to 1923-25.. | 51.3 | 53.9 | 53.7 | 56.1 | 55.6 | 60.6 | 64.9 | 69.5 | 68.4 | 68.3 | 66.2 | 71.3 | 74.8 |
| Wisconsin.....rel. to 1925-27.. | 50.0 | 52.8 | 55.6 | 58.9 | 61.0 | 64.2 | 67.2 | 68.2 | 68.8 | 65.8 | 60.0 | 63.9 | 66.2 |
| Weekly— | | | | | | | | | | | | | |
| New York State.....thous. of dolls.. | 8,479 | 8,897 | 9,493 | 9,279 | 9,347 | 9,524 | 10,046 | 10,414 | 10,723 | 10,365 | 10,048 | 10,513 | 10,883 |
| Road building, wages of common labor: | | | | | | | | | | | | | |
| By Geographic sections— | | | | | | | | | | | | | |
| United States average..cents per hour.. | 34 | 35 | 34 | 36 | 36 | 37 | 37 | 35 | 37 | 36 | 36 | 37 | 38 |
| East North Central...cents per hour.. | 38 | 37 | 36 | 35 | 35 | 36 | 37 | 36 | 41 | 33 | 37 | 37 | 37 |
| East South Central...cents per hour.. | 18 | 19 | 18 | 19 | 20 | 20 | 21 | 20 | 21 | 22 | 21 | 22 | 24 |
| Middle Atlantic.....cents per hour.. | 37 | 37 | 36 | 37 | 36 | 36 | 38 | 38 | 41 | 39 | 40 | 41 | 40 |
| Mountain section.....cents per hour.. | 46 | 46 | 46 | 47 | 45 | 46 | 45 | 43 | 44 | 42 | 44 | 45 | 47 |
| New England.....cents per hour.. | 43 | 42 | 43 | 44 | 45 | 44 | 45 | 47 | 48 | 48 | 48 | 51 | 50 |
| Pacific section...cents per hour.. | 51 | 51 | 50 | 50 | 51 | 51 | 50 | 51 | 52 | 51 | 51 | 51 | 52 |
| South Atlantic.....cents per hour.. | 21 | 21 | 20 | 20 | 22 | 21 | 21 | 22 | 24 | 24 | 20 | 22 | 22 |
| West North Central..cents per hour.. | 36 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 37 | 36 | 37 | 37 | 35 |
| West South Central..cents per hour.. | 23 | 24 | 24 | 22 | 20 | 20 | 22 | 21 | 23 | 28 | 26 | 28 | 26 |
| Railways, average hourly wages.....dollars.. | ..... | ..... | .669 | .662 | .660 | .659 | .664 | .664 | .669 | .689 | .670 | .670 | .679 |
| U. S. Steel Corpn., wage rates..cents per hour.. | 45 | 45 | 45 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Weekly earnings of factory labor: | | | | | | | | | | | | | |
| United States, totals, 23 industries— | | | | | | | | | | | | | |
| Grand total.....dollars.. | ..... | 21.21 | 21.75 | 22.49 | 22.34 | 23.07 | 24.25 | 23.82 | 23.93 | 24.29 | 23.07 | 24.03 | ..... |
| Grand total.....rel. to 1923.. | ..... | 79.7 | 81.7 | 84.5 | 84.0 | 86.7 | 91.1 | 89.5 | 89.9 | 91.3 | 86.7 | 90.3 | ..... |
| Men— | | | | | | | | | | | | | |
| Total.....dollars.. | ..... | 22.60 | 23.08 | 23.81 | 23.65 | 24.42 | 25.76 | 25.35 | 25.32 | 25.83 | 24.45 | 25.55 | ..... |
| Total.....rel. to 1923.. | ..... | 78.8 | 80.5 | 83.0 | 82.5 | 85.1 | 89.8 | 88.4 | 88.3 | 90.1 | 85.3 | 89.1 | ..... |
| Skilled.....dollars.. | ..... | 23.10 | 23.95 | 24.76 | 24.89 | 25.71 | 27.04 | 26.49 | 26.49 | 26.91 | 25.89 | 26.71 | ..... |
| Skilled.....rel. to 1923.. | ..... | 75.0 | 77.7 | 80.4 | 80.8 | 83.4 | 87.8 | 86.0 | 86.0 | 87.3 | 84.0 | 86.7 | ..... |
| Unskilled.....dollars.. | ..... | 18.05 | 18.19 | 18.86 | 18.92 | 19.55 | 20.75 | 20.46 | 20.78 | 20.89 | 19.77 | 20.46 | ..... |
| Unskilled.....rel. to 1923.. | ..... | 81.0 | 81.6 | 84.6 | 84.9 | 87.7 | 93.1 | 91.8 | 93.3 | 93.8 | 88.7 | 91.8 | ..... |
| Women.....dollars.. | ..... | 13.85 | 14.57 | 14.78 | 14.79 | 15.17 | 15.37 | 15.22 | 15.62 | 15.33 | 14.79 | 15.64 | ..... |
| Women.....rel. to 1923.. | ..... | 80.3 | 84.5 | 85.7 | 85.8 | 88.0 | 89.2 | 88.3 | 90.6 | 88.9 | 85.8 | 90.7 | ..... |

[1] Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **EMPLOYMENT AND WAGES—Con.** | | | | | | | | | | | | | |
| **Wages—Continued** | | | | | | | | | | | | | |
| Totals by States— | | | | | | | | | | | | | |
| Delaware ... rel. to 1923-25 | 80.2 | 90.0 | 87.0 | 91.2 | 89.9 | 100.5 | 103.6 | 101.3 | 102.4 | 100.8 | 97.9 | 100.6 | 98.4 |
| Illinois ... dollars | 21.12 | 22.16 | 22.52 | 23.70 | 23.86 | 23.93 | 24.54 | 24.99 | 25.13 | 25.29 | 24.25 | 25.09 | 25.31 |
| Illinois ... rel. to 1925-27 | 74.4 | 78.1 | 79.4 | 83.5 | 84.1 | 84.3 | 86.5 | 88.1 | 88.6 | 89.1 | 85.5 | 88.4 | 89.2 |
| New Jersey ... rel. to 1923-25 | 97.0 | 99.4 | 95.1 | 101.4 | 102.2 | 102.2 | 105.8 | 105.1 | 105.0 | 106.2 | 104.1 | 106.0 | 106.6 |
| New York ... dollars | 24.91 | 25.26 | 26.07 | 26.23 | 26.30 | 26.25 | 26.87 | 27.27 | 27.87 | 27.35 | 26.92 | 27.42 | 27.32 |
| New York ... rel. to 1923 | 91.4 | 92.7 | 95.7 | 96.3 | 96.5 | 96.4 | 98.6 | 100.1 | 102.3 | 100.4 | 98.8 | 100.7 | 100.3 |
| Pennsylvania ... rel. to 1923-25 | 72.9 | 76.3 | 75.3 | 78.4 | 78.3 | 82.3 | 85.6 | 89.2 | 87.5 | 86.8 | 85.6 | 87.8 | 89.8 |
| Wisconsin ... dollars | 17.95 | 18.13 | 18.24 | 19.43 | 19.37 | 21.16 | 21.65 | 22.26 | 22.69 | 21.64 | 19.70 | 20.84 | 21.33 |
| Wisconsin ... rel. to 1925-27 | 70.8 | 71.7 | 72.2 | 76.4 | 75.7 | 82.8 | 84.9 | 86.7 | 88.1 | 84.3 | 76.5 | 81.1 | 84.1 |
| Youngstown district, wages of steel workers ... p. ct. of base scale | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 107.5 | 110.5 | 115.0 | 115.0 | 113.5 | 113.5 | 116.5 | 116.5 |
| **CONSTRUCTION** | | | | | | | | | | | | | |
| **Building Costs** | | | | | | | | | | | | | |
| Building costs (*A. G. C.*), 1st of month ... rel. to 1913 | 192 | 192 | 193 | 195 | 195 | 196 | 197 | 199 | 199 | 200 | 199 | 199 | 199 |
| Building costs (*E. N. R.*) 1st of month ... rel. to 1913 | 169.3 | 169.8 | 171.4 | 171.4 | 174.4 | 187.2 | 189.3 | 191.6 | 194.5 | 196.6 | 194.5 | 196.9 | 198.5 |
| Building materials: | | | | | | | | | | | | | |
| Brick house, 1st of month ... rel. to 1913 | 163 | 162 | 161 | 163 | 164 | 166 | 167 | 167 | 170 | 171 | 170 | 174 | 172 |
| Frame house, 1st of month ... rel. to 1913 | 158 | 156 | 154 | 156 | 155 | 158 | 160 | 157 | 163 | 165 | 163 | 168 | 165 |
| Construction costs (*Am. Appraisal*): | | | | | | | | | | | | | |
| Brick, steel frame ... rel. to 1913 | ..... | 161 | 163 | 163 | 165 | 166 | 166 | 172 | 178 | 179 | 179 | 179 | 180 |
| Brick, wood frame ... rel. to 1913 | ..... | 172 | 174 | 176 | 177 | 179 | 180 | 186 | 192 | 194 | 194 | 196 | 196 |
| Frame ... rel. to 1913 | ..... | 157 | 159 | 160 | 162 | 165 | 166 | 172 | 178 | 179 | 179 | 182 | 183 |
| Reinforced concrete ... rel. to 1913 | ..... | 162 | 164 | 165 | 166 | 168 | 169 | 175 | 181 | 182 | 182 | 184 | 185 |
| Factory costs (*Aberthaw*) ... rel. to 1914 | ..... | ..... | [1] 174 | ..... | ..... | [1] 176 | ..... | ..... | [1] 181 | ..... | ..... | [1] 185 | ..... |
| Building volume (*A. G. C.*) ... rel. to 1913 | ..... | 126 | 135 | 144 | 140 | 137 | 107 | 87 | 78 | 99 | 95 | 123 | 173 |
| **Construction Contracts Awarded** | | | | | | | | | | | | | |
| Total construction, F. R. B. adjusted ... rel. to 1923-1925 | 49 | 55 | 59 | 59 | 61 | 64 | 66 | 73 | 77 | 79 | 71 | 73 | 76 |
| Total construction, all types: | | | | | | | | | | | | | |
| F. W. Dodge Corp.— | | | | | | | | | | | | | |
| Projects ... number | 7,014 | 8,701 | 9,105 | 9,242 | 10,663 | 10,806 | 11,506 | 11,888 | 10,788 | 7,629 | 6,911 | 7,391 | 9,127 |
| Floor space ... thous. of sq. ft. | 20,519 | 30,700 | 30,068 | 30,631 | 33,812 | 35,001 | 38,941 | 39,380 | 37,955 | 28,339 | 24,635 | 29,055 | 33,099 |
| Valuation ... thous. of dolls. | 151,196 | 242,094 | 251,110 | 233,106 | 285,997 | 331,880 | 306,079 | 336,925 | 369,981 | 235,405 | 227,956 | 249,436 | 253,574 |
| Public works and utilities: | | | | | | | | | | | | | |
| Projects ... number | 992 | 1,288 | 1,800 | 1,719 | 2,048 | 2,030 | 2,141 | 1,907 | 1,681 | 1,080 | 978 | 1,009 | 1,292 |
| Floor space ... thous. of sq. ft. | 271 | 171 | 353 | 737 | 1,233 | 2,367 | 387 | 785 | 522 | 246 | 393 | 697 | 468 |
| Valuation ... thous. of dolls. | 47,410 | 82,462 | 85,139 | 72,964 | 116,265 | 154,512 | 108,948 | 132,993 | 151,722 | 78,643 | 95,211 | 78,621 | 76,378 |
| Residential buildings, all types: | | | | | | | | | | | | | |
| Projects ... number | 4,257 | 5,268 | 5,096 | 5,141 | 5,658 | 5,972 | 6,652 | 7,221 | 6,486 | 4,520 | 4,056 | 4,340 | 5,368 |
| Floor space ... thous. of sq. ft. | 10,958 | 15,217 | 12,992 | 14,124 | 15,889 | 16,913 | 21,911 | 22,633 | 22,090 | 16,559 | 12,235 | 14,705 | 18,844 |
| Valuation ... thous. of dolls. | 45,290 | 60,540 | 54,553 | 60,203 | 63,893 | 72,745 | 88,900 | 95,896 | 100,913 | 77,918 | 54,376 | 70,911 | 80,782 |
| Contracts awarded, Canada ... thous. of dolls. | 24,642 | 28,789 | 33,658 | 26,143 | 28,055 | 29,793 | 36,896 | 22,708 | 27,312 | 25,930 | 20,299 | 24,542 | 39,311 |
| Engineering construction (*E. N. R.*): | | | | | | | | | | | | | |
| Total public ... thous. of dolls. | 82,031 | 106,113 | 129,157 | 82,453 | 148,784 | 125,737 | 122,036 | 176,075 | 168,925 | 83,837 | 116,535 | 99,616 | 87,183 |
| Water works ... thous. of dolls. | 3,316 | 3,038 | 6,390 | 1,153 | 5,536 | 8,016 | 5,248 | 10,219 | 2,542 | 3,110 | 5,431 | 2,237 | 4,008 |
| Sewers ... thous. of dolls. | 7,590 | 5,176 | 7,733 | 6,059 | 5,697 | 5,370 | 3,254 | 7,727 | 11,300 | 3,043 | 5,079 | 5,669 | 4,647 |
| Bridges, public ... thous. of dolls. | 6,561 | 15,817 | 9,948 | 6,909 | 28,520 | 5,786 | 11,801 | 9,916 | 9,752 | 2,477 | 11,428 | 6,289 | 7,149 |
| Excavation ... thous. of dolls. | 642 | 1,624 | 2,365 | 1,711 | 1,180 | 1,419 | 4,198 | 1,143 | 1,122 | 1,768 | 2,908 | 3,762 | 8,523 |
| Street and roads ... thous. of dolls. | 18,992 | 28,703 | 29,840 | 31,088 | 56,511 | 62,471 | 63,167 | 81,623 | 53,388 | 36,682 | 39,620 | 25,650 | 25,798 |
| Federal Government ... thous. of dolls. | 22,224 | 18,821 | 41,637 | 10,839 | 22,560 | 20,158 | 10,340 | 26,389 | 66,225 | 14,571 | 10,576 | 12,300 | 8,723 |
| Unclassified, public ... thous. of dolls. | 8,400 | 8,108 | 4,753 | 5,990 | 4,129 | 2,965 | 5,422 | 8,214 | 10,247 | 5,633 | 16,134 | 22,915 | 11,805 |
| Buildings, public ... thous. of dolls. | 14,306 | 24,826 | 26,491 | 18,704 | 24,651 | 18,552 | 18,606 | 30,844 | 14,349 | 16,553 | 25,359 | 20,794 | 16,535 |
| Total, private ... thous. of dolls. | 56,727 | 119,060 | 47,799 | 66,448 | 121,326 | 70,589 | 95,797 | 140,830 | 78,421 | 94,705 | 120,660 | 73,199 | 102,146 |
| Buildings, industrial ... thous. of dolls. | 8,837 | 19,141 | 10,021 | 11,801 | 38,663 | 13,901 | 12,606 | 22,965 | 16,566 | 14,119 | 14,135 | 11,746 | 20,401 |
| Buildings, commercial ... thous. of dolls. | 24,022 | 86,128 | 25,446 | 33,256 | 55,242 | 40,986 | 54,413 | 67,444 | 46,128 | 50,432 | 54,316 | 51,742 | 73,447 |
| Bridges, private ... thous. of dolls. | 800 | 450 | 944 | 137 | 2,250 | 25 | 6,248 | 50 | 25 | 0 | 230 | 100 | 1,997 |
| Unclassified ... thous. of dolls. | 23,068 | 13,341 | 11,388 | 21,254 | 25,171 | 15,677 | 22,530 | 50,371 | 15,702 | 30,154 | 51,979 | 9,611 | 6,301 |
| **Fire Losses** | | | | | | | | | | | | | |
| United States ... thous. of dolls. | 35,288 | 35,502 | 33,203 | 31,918 | 23,025 | 33,368 | 37,835 | 41,424 | 44,074 | 41,776 | 44,090 | 42,670 | 35,683 |
| Canada ... thous. of dolls. | 2,807 | 3,510 | 2,905 | 2,819 | 1,999 | 12,427 | 3,867 | 3,602 | 3,488 | 4,689 | 4,053 | 4,689 | 3,175 |
| **Real Estate** | | | | | | | | | | | | | |
| Market activity ... rel. to 1926 | ..... | 63.2 | 60.3 | 59.8 | 61.1 | 58.4 | 61.3 | 62.0 | 61.7 | 66.7 | 66.0 | 68.9 | 64.6 |
| **Highways** | | | | | | | | | | | | | |
| Concrete pavements, new contracts: | | | | | | | | | | | | | |
| Total ... thous. of sq. yds. | 4,361 | 4,009 | 8,702 | 7,675 | 12,470 | 15,957 | 12,303 | 24,671 | 19,467 | 9,403 | 10,107 | 8,808 | 6,293 |
| Road ... thous. of sq. yds. | 3,559 | 2,482 | 6,182 | 5,437 | 9,309 | 13,536 | 10,038 | 21,982 | 17,573 | 8,321 | 9,218 | 5,081 | 4,790 |
| Federal-aid highways: | | | | | | | | | | | | | |
| Completed— | | | | | | | | | | | | | |
| Cost ... thous. of dolls. | 42,087 | 65,340 | 53,415 | 26,799 | 26,164 | 13,994 | 5,059 | 9,100 | 5,826 | 9,654 | 17,416 | 42,751 | 40,418 |
| Distance ... miles | 1,435 | 2,113 | 1,887 | 943 | 1,018 | 651 | 225 | 254 | 205 | 188 | 423 | 1,071 | 1,138 |
| Under construction, end of month ... miles | 7,928 | 9,028 | 10,659 | 11,884 | 12,207 | 12,306 | 11,229 | 9,569 | 8,277 | 7,489 | 6,957 | 7,030 | 7,785 |
| **PUBLIC UTILITIES** | | | | | | | | | | | | | |
| **Electric Railways** | | | | | | | | | | | | | |
| Average fares (272 cities) ... cents | ..... | ..... | ..... | 8.096 | 8.096 | 8.069 | 8.069 | 8.072 | 8.072 | 8.066 | 8.064 | 8.050 | 8.050 |
| Passengers carried (232 co.'s) ... thous. of persons | 740,461 | 794,798 | 734,056 | 712,660 | 739,617 | 787,453 | 831,183 | 843,669 | 861,501 | 782,034 | 860,458 | 808,062 | 828,905 |
| Operating revenue (all railways) ... thous. of dolls. | ..... | ..... | 55,966 | 55,835 | 56,981 | 60,232 | 63,718 | 64,332 | 66,028 | 60,370 | 66,839 | 70,165 | 65,415 |
| **Gas and Electric Power** | | | | | | | | | | | | | |
| Electric power companies, gross revenue ... thous. of dolls. | ..... | ..... | 172,240 | 167,380 | 187,190 | 168,510 | 171,550 | 176,210 | 175,840 | 182,280 | 196,170 | 191,920 | 187,340 |

[1] Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **PUBLIC UTTILIIES** | | | | | | | | | | | | | |
| **Gas and Electric Power** | | | | | | | | | | | | | |
| Electric power production: | | | | | | | | | | | | | |
| United States— | | | | | | | | | | | | | |
| Total.....mills. of kw. hrs.. | ..... | 7,708 | [1]7,530 | 7,628 | 7,766 | 7,526 | 7,639 | 7,643 | 7,876 | 7,160 | 7,947 | 8,108 | 7,693 |
| By fuels.....mills. of kw. hrs.. | ..... | 5,667 | [1]5,339 | 5,165 | 5,022 | 4,642 | 4,500 | 4,520 | 5,243 | 5,001 | 5,597 | 5,746 | 5,502 |
| By water power.....mills. of kw. hrs.. | ..... | 2,041 | 2,191 | 2,463 | 2,744 | 2,884 | 3,139 | 3,123 | 2,633 | 2,159 | 2,350 | 2,362 | 2,191 |
| In street railways, manufacturing plants, etc.....mills. of kw. hrs.. | ..... | 418 | 445 | 470 | 506 | 509 | 447 | 454 | 452 | 410 | 460 | 502 | 465 |
| In central stations...mills. of kw. hrs.. | ..... | 7,290 | [1]7,085 | 7,158 | 7,260 | 7,017 | 7,192 | 7,189 | 7,424 | 6,750 | 7,487 | 7,606 | 7,228 |
| Canada— | | | | | | | | | | | | | |
| Total.....mills. of kw. hrs.. | ..... | 1,425 | 1,288 | 1,256 | 1,251 | 1,290 | 1,366 | 1,411 | 1,418 | 1,339 | 1,489 | 1,542 | 1,515 |
| By water power.....mills. of kw. hrs.. | ..... | 1,398 | 1,263 | 1,234 | 1,231 | 1,268 | 1,343 | 1,388 | 1,392 | 1,311 | 1,456 | 1,513 | 1,488 |
| Exported.....mills. of kw. hrs.. | ..... | 95 | 93 | 100 | 95 | 89 | 87 | 98 | 128 | 145 | 162 | 149 | 142 |
| Manufactured gas: | | | | | | | | | | | | | |
| Sales.....mills. cu. ft.. | ..... | 27,820 | 25,985 | 23,527 | 24,741 | 28,310 | 29,865 | 30,731 | 30,945 | 31,110 | 33,478 | 31,320 | 29,757 |
| Revenue.....thous. of dolls.. | ..... | 30,195 | 28,681 | 26,046 | 27,337 | 30,654 | 31,827 | 32,356 | 32,386 | 32,504 | 34,947 | 32,963 | 31,751 |
| Natural gas: | | | | | | | | | | | | | |
| Sales.....mills. cu. ft.. | ..... | 37,628 | 33,823 | 31,661 | 32,834 | 36,821 | 43,340 | 52,568 | 54,729 | 56,242 | 63,338 | 56,529 | 49,386 |
| Revenue.....thous. of dolls.. | ..... | 15,276 | 13,490 | 12,813 | 13,482 | 16,159 | 20,108 | 24,225 | 26,031 | 27,124 | 31,037 | 26,816 | 22,426 |
| Rate of manufacturing operations (based on consumption of electric energy for power purposes). (See under Industrial production.) | | | | | | | | | | | | | |
| **Telephone** | | | | | | | | | | | | | |
| Telephone companies: | | | | | | | | | | | | | |
| Operating revenues.....thous. of dolls.. | ..... | ..... | 73,414 | 73,337 | 74,802 | 75,919 | 76,804 | 77,098 | 77,214 | 73,277 | 76,824 | 77,820 | 76,139 |
| Operating income.....thous. of dolls.. | ..... | ..... | 17,523 | 16,621 | 16,320 | 17,977 | 18,046 | 19,051 | 18,650 | 16,864 | 17,892 | 16,070 | 17,148 |
| **Telegraph** | | | | | | | | | | | | | |
| Commercial telegraph tolls....thous. of dolls.. | ..... | ..... | 8,441 | 8,359 | 8,774 | 9,212 | 9,133 | 9,391 | 9,346 | 8,326 | 8,943 | 10,012 | 8,647 |
| Operating revenues.....thous. of dolls.. | ..... | ..... | 11,012 | 10,825 | 11,370 | 11,875 | 11,744 | 11,963 | 12,024 | 10,806 | 11,528 | 12,973 | 11,348 |
| Operating income.....thous. of dolls.. | ..... | ..... | 567 | 387 | 461 | 1,737 | 1,426 | 1,513 | 1,406 | 724 | 609 | 1,517 | 735 |
| **Transportation** | | | | | | | | | | | | | |
| Express earnings: | | | | | | | | | | | | | |
| Operating income.....thous. of dolls.. | ..... | ..... | ..... | 134 | 139 | 105 | 107 | 129 | 119 | 134 | 128 | 102 | 124 |
| Operating revenue.....thous. of dolls.. | ..... | ..... | ..... | 9,428 | 9,773 | 10,151 | 10,493 | 10,196 | 10,113 | 9,687 | 9,884 | 10,826 | 10,474 |
| Inland waterways: | | | | | | | | | | | | | |
| Allegheny River.....short tons.. | 156,642 | 213,562 | 246,551 | 294,720 | 237,024 | 143,627 | 169,760 | 134,854 | 52,700 | 49,620 | 56,740 | 64,170 | 230,423 |
| Cape Cod Canal.....short tons.. | 209,864 | 221,308 | 197,997 | 186,414 | 211,172 | 203,230 | 216,559 | 203,085 | 163,186 | 165,789 | 233,890 | 225,021 | 225,322 |
| Mississippi River Govt. barges short tons.. | 86,400 | [1]104,873 | 106,931 | 104,266 | 104,300 | 86,016 | 99,901 | 82,465 | 82,970 | 69,572 | 75,512 | 107,507 | 83,480 |
| Monongahela River.thous. of short tons.. | 998 | 1,135 | 962 | 1,042 | 1,331 | 1,257 | 1,508 | 1,518 | 1,535 | 1,359 | 1,571 | 1,547 | 1,811 |
| New York canals....thous. of short tons.. | ..... | 505 | 587 | 425 | 506 | 385 | 457 | 349 | 0 | 0 | 0 | 0 | 390 |
| Ohio River— | | | | | | | | | | | | | |
| Cincinnati district .....thous. of short tons.. | ..... | ..... | [2]315 | ..... | ..... | [2]290 | ..... | ..... | [2]65 | ..... | ..... | [2]83 | ..... |
| Huntington district .....thous. of short tons.. | ..... | ..... | [2]1,193 | ..... | ..... | [2]942 | ..... | ..... | [2]765 | ..... | ..... | [2]1,268 | ..... |
| Louisville district .....thous. of short tons.. | ..... | ..... | [2]856 | ..... | ..... | [2]969 | ..... | ..... | [2]464 | ..... | ..... | [2]951 | ..... |
| Pittsburg to Wheeling....short tons.. | 548,640 | 603,544 | 635,571 | 661,514 | 849,277 | 736,187 | 685,526 | 713,200 | 545,900 | 428,499 | 504,700 | 500,211 | 926,013 |
| Pittsburg district .....thous. of short tons.. | ..... | ..... | [2]2,135 | ..... | ..... | [2]2,120 | ..... | ..... | [2]1,484 | ..... | ..... | [2]2,440 | ..... |
| Panama Canal— | | | | | | | | | | | | | |
| Total cargo traffic.thous. of long tons.. | 1,578 | 1,763 | 1,755 | 1,789 | 1,867 | 1,759 | 1,925 | 2,011 | 1,916 | 1,930 | 2,107 | 2,167 | 2,263 |
| U. S. vessels.....thous. of long tons.. | 676 | 930 | 884 | 859 | 820 | 828 | 937 | 929 | 910 | 864 | 958 | 953 | 1,009 |
| In British vessels.thous. of long tons.. | 371 | 327 | 318 | 378 | 466 | 453 | 421 | 436 | 429 | 448 | 540 | 536 | 615 |
| St. Lawrence Canal.thous. of short tons.. | 664 | 795 | 711 | 714 | 717 | 920 | 1,166 | 319 | 0 | 0 | 0 | 38 | 563 |
| Sault Ste. Marie Canal .....thous. of short tons.. | 3,049 | 6,248 | 7,126 | 8,385 | 7,611 | 6,645 | 4,335 | 922 | 0 | 0 | 0 | 312 | 5,130 |
| Suez Canal.....thous. of met. tons.. | ..... | 2,019 | 1,813 | 1,860 | 1,963 | 2,027 | 2,403 | 2,396 | 2,440 | 2,474 | 2,744 | 2,246 | 2,186 |
| Welland Canal.....short tons.. | 954,773 | 821,454 | 968,763 | 972,976 | 871,513 | 1,015,469 | 1,165,853 | 370,003 | 0 | 0 | 0 | 68,400 | 583,907 |
| Ocean traffic: | | | | | | | | | | | | | |
| Clearances, vessels in foreign trade— | | | | | | | | | | | | | |
| Total.....thous. of net tons.. | 5,605 | 6,461 | [1]6,837 | 7,463 | 7,536 | 6,543 | 6,539 | 5,907 | 5,044 | 4,972 | 5,414 | 5,505 | 6,224 |
| American.....thous. of net tons.. | 2,296 | 2,420 | 2,478 | 2,734 | 2,742 | 2,241 | 2,525 | 2,092 | 1,773 | 1,695 | 1,843 | 1,991 | 2,501 |
| Foreign.....thous. of net tons.. | 3,309 | 4,041 | [1]4,359 | 4,729 | 4,794 | 4,302 | 4,014 | 3,815 | 3,271 | 3,277 | 3,571 | 3,514 | 3,723 |
| Passenger travel: | | | | | | | | | | | | | |
| Arrivals from abroad— | | | | | | | | | | | | | |
| Immigrants.....number.. | ..... | 3,913 | 5,017 | 4,090 | 3,174 | 3,534 | 3,799 | 3,470 | 3,577 | 3,147 | 4,091 | 6,439 | 9,209 |
| United States citizens.....number.. | ..... | 32,427 | 62,581 | 59,372 | 30,944 | 25,588 | 22,518 | 28,281 | 34,861 | 27,508 | 19,844 | 28,535 | 22,381 |
| Departures abroad— | | | | | | | | | | | | | |
| Emigrants.....number.. | ..... | 10,857 | 8,733 | 9,541 | 7,428 | 5,893 | 5,616 | 5,647 | 4,693 | 4,720 | 4,397 | 5,450 | 4,951 |
| United States citizens.....number.. | ..... | 35,016 | 42,247 | 65,895 | 46,961 | 29,579 | 23,242 | 24,418 | 32,278 | 33,172 | 24,885 | 21,140 | 24,420 |
| Passports issued.....number.. | ..... | 7,345 | 8,812 | 10,749 | 17,667 | 27,689 | 28,513 | 21,466 | 14,328 | 7,255 | 7,445 | 6,565 | 7,496 |
| Pullman Company operations: | | | | | | | | | | | | | |
| Revenue.....thous. of dolls.. | ..... | ..... | 5,409 | 5,564 | 5,413 | 5,470 | 5,055 | 5,238 | 4,894 | 5,346 | 6,072 | 5,418 | 5,305 |
| Passengers carried.....thousands.. | ..... | 1,674 | 1,969 | 2,091 | 2,023 | 2,051 | 1,900 | 1,986 | 1,966 | 1,919 | 2,203 | 2,180 | 2,031 |
| Trend of business in hotels: | | | | | | | | | | | | | |
| Average sale per occupied room...dollars.. | 3.56 | 3.51 | 3.55 | 3.64 | 3.55 | 3.58 | 3.50 | 3.73 | 3.63 | 3.84 | 3.80 | 3.72 | 3.96 |
| Room occupancy.....p. ct. of capacity.. | 56 | 60 | 58 | 54 | 54 | 56 | 61 | 63 | 61 | 64 | 66 | 60 | 65 |
| Steam railways: | | | | | | | | | | | | | |
| Equipment— | | | | | | | | | | | | | |
| Freight cars— | | | | | | | | | | | | | |
| In bad order, end of month— | | | | | | | | | | | | | |
| Quantity.....cars.. | 196,324 | 194,948 | 194,127 | 187,585 | 181,702 | 172,776 | 170,165 | 162,966 | 162,117 | 153,606 | 147,650 | 147,334 | 155,883 |
| Ratio to total cars...per cent.. | 9.0 | 9.0 | 8.9 | 8.6 | 8.3 | 7.9 | 7.7 | 7.4 | 7.3 | 6.9 | 6.7 | 6.6 | 7.0 |
| New orders.....cars.. | 28 | 798 | 3 | 534 | 443 | 972 | 46 | 2,768 | 2,166 | 24 | 0 | 2,691 | 2,862 |
| Owned, end of month— | | | | | | | | | | | | | |
| Quantity.....thous. of cars.. | ..... | 2,211 | 2,216 | 2,220 | 2,224 | 2,229 | 2,244 | 2,249 | 2,251 | 2,253 | 2,254 | 2,258 | 2,271 |
| Capacity.....mills. of lbs.. | ..... | 207,259 | 207,638 | 207,947 | 208,207 | 208,579 | 209,645 | 209,958 | 210,102 | 210,235 | 210,229 | 210,426 | 211,788 |
| Shipments— | | | | | | | | | | | | | |
| Total.....cars.. | 150 | 404 | 780 | 524 | 341 | 615 | 648 | 1,082 | 762 | 633 | 845 | 607 | 1,182 |
| Domestic.....cars.. | 150 | 404 | 776 | 499 | 341 | 555 | 646 | 1,082 | 657 | 533 | 735 | 436 | 1,139 |
| Unfilled orders (railroads)— | | | | | | | | | | | | | |
| Total.....cars.. | ..... | 4,610 | 5,100 | 5,746 | 6,466 | 7,179 | 6,585 | 7,542 | 7,484 | 8,637 | 8,799 | 9,780 | 3,716 |
| Of manufacturers.....cars.. | ..... | 314 | 534 | 866 | 1,336 | 2,070 | 1,599 | 2,176 | 1,569 | 2,207 | 2,681 | 3,376 | 1,125 |
| In railroad shops.....cars.. | ..... | 4,296 | 4,566 | 4,880 | 5,130 | 5,109 | 4,986 | 5,366 | 5,915 | 6,430 | 6,118 | 6,404 | 2,591 |
| Locomotives (*Am. Ry. Assc.*)— | | | | | | | | | | | | | |
| Exports, steam.....number.. | ..... | 1 | 11 | 0 | 2 | 1 | 3 | 5 | 0 | 2 | 2 | 3 | 0 |

[1] Revised. [2] Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **PUBLIC UTILITIES—Continued** | | | | | | | | | | | | | |
| **Locomotives** | | | | | | | | | | | | | |
| In bad order, end of month— | | | | | | | | | | | | | |
| Awaiting classified repairs ....number | 6,836 | 6,485 | 6,310 | 6,173 | 5,913 | 5,938 | 5,910 | 5,958 | 5,967 | 5,734 | 5,522 | 5,216 | 5,102 |
| Ratio to total locomotives ....per cent | 12.7 | 12.0 | 11.7 | 11.4 | 10.9 | 10.9 | 10.8 | 10.9 | 10.9 | 10.4 | 10.0 | 9.5 | 9.2 |
| Installed....number | 53 | 61 | 51 | 95 | 66 | 114 | 94 | 67 | 77 | 86 | 80 | 92 | 96 |
| New orders....number | 20 | 0 | 1 | 6 | 3 | 2 | 151 | 7 | 8 | 8 | 2 | 60 | 4 |
| Retired....number | 81 | 139 | 113 | 122 | 108 | 291 | 182 | 151 | 161 | 128 | 182 | 390 | 268 |
| Owned, end of month— | | | | | | | | | | | | | |
| Quantity....number | 54,861 | 54,889 | 54,967 | 55,029 | 55,056 | 55,098 | 55,278 | 55,366 | 55,450 | 55,534 | 55,576 | 55,678 | 55,985 |
| Tractive power....mills. of lbs. | 2,509 | 2,509 | 2,512 | 2,514 | 2,513 | 2,513 | 2,518 | 2,520 | 2,522 | 2,525 | 2,525 | 2,528 | 2,538 |
| Shipments, manufacturers (Census)— | | | | | | | | | | | | | |
| Total....number | 7 | 9 | 4 | 13 | 13 | 19 | 26 | 15 | 10 | 15 | 16 | 49 | 43 |
| Electric, domestic....number | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 5 | 5 | 6 | 7 | 6 |
| Steam, domestic....number | 6 | 8 | 4 | 2 | 11 | 19 | 26 | 12 | 5 | 10 | 10 | 37 | 37 |
| Shipments, electric locomotives— | | | | | | | | | | | | | |
| Industrial (quarterly)....number | | | [1] 3 | | | [1] 4 | | | [1] 17 | | | [1] 23 | |
| Mining (quarterly)....number | | | [1] 37 | | | [1] 82 | | | [1] 60 | | | [1] 76 | |
| Unfilled orders (railroads), end of mo.... | | | | | | | | | | | | | |
| Of manufacturers....number | 0 | 15 | 15 | 16 | 18 | 20 | 31 | 57 | 60 | 57 | 64 | 90 | 59 |
| In railroad shops....number | 10 | 4 | 12 | 13 | 14 | 16 | 20 | 24 | 26 | 29 | 30 | 30 | 33 |
| Unfilled orders, manufacturers' (Census)— | | | | | | | | | | | | | |
| Total....number | 130 | 112 | 120 | 74 | 86 | 95 | 58 | 80 | 95 | 103 | 91 | 104 | 93 |
| Electric, domestic....number | 105 | 105 | 105 | 55 | 55 | 54 | 0 | 0 | 2 | 7 | 12 | 18 | 25 |
| Steam, domestic....number | 21 | 7 | 14 | 18 | 20 | 30 | 47 | 69 | 81 | 85 | 78 | 86 | 63 |
| Passenger cars— | | | | | | | | | | | | | |
| In railroad hands, end of quarter ....number | | | [1] 50,958 | | | [1] 51,136 | | | [1] 51,489 | | | [1] 51,644 | |
| New orders....cars | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 10 |
| Shipments— | | | | | | | | | | | | | |
| Total....cars | 0 | 21 | 0 | 8 | 2 | 13 | 38 | 37 | 24 | 30 | 33 | 8 | 67 |
| Domestic....cars | 0 | 0 | 0 | 8 | 2 | 13 | 38 | 37 | 24 | 30 | 33 | 8 | 67 |
| Unfilled orders, end of quarter ....number | | | [1] 16 | | | [1] 24 | | | [1] 125 | | | [1] 264 | |
| Financial operations— | | | | | | | | | | | | | |
| Net operating income..thous. of dolls. | | 64,020 | 55,319 | 55,859 | 56,535 | 50,163 | 41,264 | 39,074 | 45,906 | 27,264 | 33,849 | 49,372 | 62,069 |
| Operating revenues— | | | | | | | | | | | | | |
| Canada....thous. of dolls. | | | 30,158 | 28,265 | 29,352 | 30,480 | 30,934 | 30,912 | 30,613 | 26,788 | 28,141 | 33,450 | 35,474 |
| United States— | | | | | | | | | | | | | |
| Total....thous. of dolls. | | 363,206 | 350,335 | 364,525 | 377,146 | 369,810 | 369,020 | 389,652 | 376,149 | 336,632 | 365,900 | 377,933 | 398,786 |
| Freight....thous. of dolls. | | 289,193 | 270,239 | 280,103 | 290,348 | 281,261 | 283,161 | 283,711 | 291,289 | 257,521 | 277,014 | 280,909 | 311,042 |
| Passengers....thous. of dolls. | | 38,202 | 44,757 | 49,183 | 50,272 | 50,957 | 46,981 | 47,272 | 47,150 | 46,455 | 53,349 | 55,443 | 48,710 |
| Operating expenses....thous. of dolls. | | 261,247 | 258,223 | 260,463 | 280,127 | 280,145 | 288,067 | 290,618 | 291,582 | 272,116 | 294,082 | 297,606 | 299,301 |
| Net operating revenue, Canada ....thous. of dolls. | | | 5,036 | 1,871 | 2,049 | 1,898 | 2,166 | 3,640 | 3,112 | 121 | 424 | 5,910 | 7,579 |
| Freight cars— | | | | | | | | | | | | | |
| Carloadings*— | | | | | | | | | | | | | |
| Total....thous. of cars | 2,620 | 3,813 | 2,908 | 3,747 | 2,931 | 2,992 | 3,736 | 2,986 | 2,940 | 2,836 | 3,491 | 2,784 | 4,127 |
| Coal and coke....thous. of cars | 507 | 755 | 516 | 617 | 452 | 465 | 611 | 486 | 555 | 584 | 817 | 638 | 852 |
| Forest products....thous. of cars | 87 | 123 | 104 | 138 | 106 | 125 | 165 | 130 | 138 | 138 | 156 | 121 | 174 |
| Grain and grain products ....thous. of cars | 145 | 193 | 149 | 228 | 220 | 140 | 180 | 151 | 153 | 165 | 196 | 143 | 190 |
| Livestock....thous. of cars | 104 | 145 | 96 | 106 | 71 | 75 | 106 | 85 | 79 | 88 | 124 | 94 | 140 |
| Ore....thous. of cars | 25 | 102 | 121 | 175 | 139 | 119 | 80 | 29 | 23 | 22 | 26 | 22 | 92 |
| Merchandise, l. c. l..thous. of cars | 806 | 1,081 | 841 | 1,069 | 830 | 876 | 1,097 | 899 | 886 | 842 | 997 | 820 | 1,133 |
| Miscellaneous....thous. of cars | 946 | 1,415 | 1,081 | 1,413 | 1,113 | 1,192 | 1,496 | 1,206 | 1,105 | 997 | 1,175 | 946 | 1,546 |
| Car surplus (daily average, last week of month)— | | | | | | | | | | | | | |
| Total....cars | 659,346 | 535,254 | 564,284 | 573,680 | 564,068 | 599,282 | 615,924 | 602,832 | 621,509 | 650,964 | 646,750 | 706,536 | 580,498 |
| Box....cars | 340,502 | 290,369 | 293,424 | 302,887 | 288,414 | 306,443 | 306,319 | 282,315 | 298,837 | 324,938 | 336,577 | 380,603 | 304,100 |
| Coal....cars | 249,193 | 185,442 | 209,765 | 206,240 | 211,044 | 224,120 | 238,504 | 251,679 | 252,825 | 253,515 | 240,292 | 251,358 | 213,752 |
| Operation results— | | | | | | | | | | | | | |
| Freight carried 1 mile— | | | | | | | | | | | | | |
| Canada....mills. of tons | | | 2,057 | 1,636 | 1,770 | 2,207 | 2,178 | 2,136 | 2,104 | 1,951 | 2,016 | 2,239 | 2,633 |
| United States..mills. of tons | | | 27,847 | 29,348 | 30,276 | 28,258 | 30,014 | 28,710 | 29,960 | 27,079 | 30,314 | 29,026 | 32,295 |
| Passengers carried 1 mile..millions | | | 1,900 | 2,077 | 2,116 | 2,034 | 1,870 | 1,831 | 1,758 | 1,747 | 1,915 | 2,015 | 1,828 |
| Receipts per ton-mile....cents | | | 1.049 | 1.041 | 1.051 | 1.090 | 1.054 | 1.093 | 1.074 | 1.049 | 1.015 | 1.052 | 1.050 |
| **FINANCE** | | | | | | | | | | | | | |
| **Agricultural Finances** | | | | | | | | | | | | | |
| Loans outstanding, end of month: | | | | | | | | | | | | | |
| Federal land banks....mills. of dolls. | 1,167 | 1,171 | 1,174 | 1,178 | 1,179 | 1,182 | 1,184 | 1,185 | 1,187 | 1,187 | 1,187 | 1,187 | 1,188 |
| Federal intermediate credit banks ....mills. of dolls. | 124 | 124 | 130 | 133 | 137 | 137 | 131 | 138 | 138 | 128 | 128 | 130 | 132 |
| Joint-stock land banks....mills. of dolls. | 535 | 540 | 545 | 548 | 551 | 532 | 536 | 540 | 544 | 548 | 550 | 553 | 567 |
| **Banking** | | | | | | | | | | | | | |
| Acceptances and commercial paper: | | | | | | | | | | | | | |
| Bankers acceptances outstanding— | | | | | | | | | | | | | |
| Total....mills. of dolls. | 1,002 | 1,040 | 996 | 1,090 | 1,228 | 1,368 | 1,413 | 1,422 | 1,467 | 1,520 | 1,520 | 1,556 | 1,571 |
| Held by Federal reserve banks— | | | | | | | | | | | | | |
| For own account....mills. of dolls. | 418 | 647 | 420 | 70 | 39 | 95 | 124 | 162 | 123 | 85 | 89 | 328 | 143 |
| For account of foreign correspondents ....mills. of dolls. | 126 | 99 | 100 | 228 | 243 | 341 | 380 | 409 | 431 | 456 | 447 | 439 | 429 |
| Held by group of accepting banks— | | | | | | | | | | | | | |
| Own bills....mills. of dolls. | 125 | 112 | 162 | 168 | 232 | 196 | 171 | 125 | 131 | 151 | 134 | 90 | 180 |
| Bills bought....mills. of dolls. | 171 | 118 | 248 | 439 | 436 | 357 | 293 | 285 | 341 | 398 | 437 | 282 | 313 |
| Held by others....mills. of dolls. | 162 | 63 | 66 | 185 | 278 | 379 | 444 | 441 | 441 | 430 | 412 | 417 | 507 |
| Commercial paper outstanding ....mills. of dolls. | | 210 | 248 | 271 | 289 | 292 | 305 | 307 | 311 | 315 | 327 | 358 | 448 |
| Bank debits: | | | | | | | | | | | | | |
| Canada....mills. of dolls. | | 2,587 | 2,451 | 2,244 | 2,400 | 2,694 | 3,172 | 2,786 | 2,570 | 2,535 | 2,668 | 3,012 | 2,974 |
| New York City....mills. of dolls. | 14,464 | 20,678 | 20,073 | 17,501 | 21,607 | 25,893 | 25,072 | 26,821 | 27,889 | 20,948 | 24,557 | 29,001 | 22,490 |
| Outside New York City...mills. of dolls. | 14,605 | 18,125 | 16,627 | 16,526 | 18,444 | 19,406 | 18,858 | 19,620 | 19,421 | 17,084 | 21,697 | 22,113 | [1] 19,685 |
| Outside New York City...rel. to 1923-25 | 74.0 | 91.9 | 84.3 | 83.8 | 93.5 | 98.4 | 95.6 | 99.5 | 98.4 | 86.6 | 110.0 | 117.2 | [1] 99.8 |

* Data for January, May, and October, 1931, are for 5 weeks, other months 4 weeks.
[1] Revised.
[2] Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FINANCE—Continued** | | | | | | | | | | | | | |
| **Banking—Continued** | | | | | | | | | | | | | |
| Brokers' loans, end of month: | | | | | | | | | | | | | |
| By N. Y. F. R. member banks ....mills. of dolls.. | 720 | 869 | 1,172 | 1,366 | 1,390 | 1,479 | 1,539 | 1,730 | 1,875 | 1,798 | 1,734 | 1,926 | 2,111 |
| Ratio to market value....per cent.. | 2.35 | 2.33 | 3.23 | 3.04 | 3.03 | 2.93 | 3.37 | 3.40 | 3.58 | 3.22 | 3.20 | 3.86 | 4.06 |
| Total....mills. of dolls.. | 730 | 796 | 1,044 | 1,354 | 1,344 | 1,391 | 1,435 | 1,651 | 1,909 | 1,840 | 1,720 | 1,894 | 2,162 |
| Federal reserve banks: | | | | | | | | | | | | | |
| Bills discounted....mills. of dolls.. | 718 | 728 | 328 | 255 | 195 | 149 | 174 | 157 | 250 | 198 | 232 | 251 | 275 |
| Member bank reserve account ....mills. of dolls.. | 2,051 | 2,167 | 2,364 | 2,373 | 2,367 | 2,381 | 2,389 | 2,371 | 2,428 | 2,343 | 2,398 | 2,471 | 2,373 |
| Notes in circulation....mills. of dolls.. | 2,480 | 2,429 | 2,098 | 1,963 | 1,765 | 1,723 | 1,580 | 1,535 | 1,486 | 1,478 | 1,494 | 1,664 | 1,455 |
| Reserve bank credit....mills. of dolls.. | 1,931 | 2,184 | 1,578 | 1,255 | 976 | 943 | 917 | 937 | 990 | 925 | 980 | 1,373 | 1,079 |
| Total deposits....mills. of dolls.. | 2,252 | 2,380 | 2,506 | 2,632 | 2,527 | 2,504 | 2,442 | 2,434 | 2,506 | 2,399 | 2,448 | 2,517 | 2,422 |
| Total investments....mills. of dolls.. | 1,169 | 1,408 | 1,211 | 943 | 751 | 773 | 724 | 761 | 723 | 708 | 735 | 1,100 | 780 |
| Total reserve....mills. of dolls.. | 3,080 | 2,903 | 3,301 | 3,619 | 3,597 | 3,576 | 3,413 | 3,334 | 3,296 | 3,244 | 3,243 | 3,082 | 3,115 |
| Federal reserve member banks: | | | | | | | | | | | | | |
| Net demand deposits....mills. of dolls.. | 12,199 | 12,449 | 13,227 | 13,244 | 13,473 | 13,688 | 13,605 | 13,664 | 13,748 | 13,614 | 13,680 | 13,999 | 13,908 |
| Total investments....mills. of dolls.. | 7,506 | 7,700 | 7,916 | 7,665 | 7,810 | 7,795 | 7,807 | 7,903 | 7,551 | 7,183 | 6,843 | 6,693 | 6,800 |
| Total loans and discounts..mills. of dolls.. | 13,350 | 13,521 | 14,191 | 14,398 | 14,486 | 14,691 | 14,730 | 14,993 | 15,382 | 15,464 | 15,753 | 16,263 | 16,516 |
| Interest rates: | | | | | | | | | | | | | |
| Call loans, renewal....per cent.. | 2.50 | 2.10 | 1.50 | 1.50 | 1.50 | 1.50 | 1.45 | 1.52 | 1.55 | 1.50 | 1.57 | 2.22 | 2.00 |
| Federal land banks....per cent.. | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 | 5.63 |
| Intermediate credit banks....per cent.. | 4.50 | 4.06 | 3.81 | 3.81 | 3.81 | 3.90 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| New York Federal Reserve Bank (discount rate)....per cent.. | 3.50 | *3.50 | 1.50 | 1.50 | 1.50 | 1.50 | *1.50 | 2.00 | 2.00 | 2.00 | 2.00 | *2.00 | 2.50 |
| Prime bankers' acceptances....per cent.. | 3.07 | 2.50 | 1.07 | .88 | .88 | .88 | 2.00 | 1.50 | 1.50 | 1.44 | 1.56 | 1.88 | 1.88 |
| Prime commercial paper (4-6 months) ....per cent.. | 4.00 | 3.13 | 2.00 | 2.00 | 2.00 | 2.00 | 2.13 | 2.38 | 2.50 | 2.63 | 2.88 | 2.88 | 2.88 |
| Time loans, 90 days....per cent.. | 3.50 | 3.25 | 1.63 | 1.38 | 1.38 | 1.50 | 1.75 | 2.00 | 2.13 | 1.88 | 2.13 | 2.25 | 2.13 |
| Savings deposits: | | | | | | | | | | | | | |
| New York State....mills. of dolls.. | 5,213 | 5,217 | 5,231 | 5,173 | 5,149 | 5,156 | 5,083 | 5,059 | 5,018 | 4,928 | 4,888 | 4,792 | 4,666 |
| United States postal savings system— | | | | | | | | | | | | | |
| Deposits....thous. of dolls.. | ..... | ..... | ..... | ..... | 62,047 | 43,505 | 31,822 | 32,061 | 29,337 | 31,353 | 51,585 | 58,879 | 20,197 |
| Withdrawals....thous. of dolls.. | ..... | ..... | ..... | ..... | 27,007 | 21,117 | 20,568 | 20,944 | 18,638 | 17,648 | 18,611 | 14,167 | 12,072 |
| Balance to credit of depositors ....thous. of dolls.. | 555,560 | 527,130 | 460,915 | 414,986 | [1]372,457 | 347,417 | 325,028 | 313,775 | 302,658 | 292,059 | 278,353 | 245,379 | 200,668 |
| Balance on deposit in banks ....thous. of dolls.. | 464,841 | 447,300 | 401,200 | 368,000 | [1]329,655 | 306,120 | 289,034 | 278,304 | 267,790 | 255,268 | 240,216 | 209,509 | 170,131 |
| **Business Failures** | | | | | | | | | | | | | |
| Firms (United States): | | | | | | | | | | | | | |
| Banks....number.. | 169 | [1]522 | 305 | [1]58 | 93 | 167 | 89 | 64 | 86 | 77 | 202 | 344 | 254 |
| Total commercial....number.. | 2,195 | 2,362 | 1,936 | 1,944 | 1,983 | 1,993 | 2,248 | 2,386 | 2,604 | 2,563 | 3,316 | 2,525 | 2,031 |
| Manufacturers....number.. | 519 | 614 | 449 | 427 | 520 | 449 | 552 | 515 | 582 | 583 | 611 | 537 | 448 |
| Trade establishments....number.. | 1,545 | 1,605 | 1,374 | 1,381 | 1,322 | 1,435 | 1,570 | 1,710 | 1,843 | 1,831 | 2,541 | 1,834 | 1,447 |
| Agents and brokers....number.. | 131 | 143 | 113 | 136 | 141 | 109 | 126 | 158 | 179 | 149 | 164 | 154 | 136 |
| By groups— | | | | | | | | | | | | | |
| Manufacturers— | | | | | | | | | | | | | |
| Total....number.. | 519 | 614 | 449 | 427 | 520 | 449 | 552 | 515 | 582 | 583 | 611 | 537 | 448 |
| Chemicals....number.. | 12 | 11 | 13 | 9 | 13 | 7 | 12 | 9 | 5 | 13 | 10 | 9 | 5 |
| Foodstuffs....number.. | 40 | 50 | 40 | 30 | 34 | 64 | 43 | 38 | 37 | 37 | 32 | 34 | 27 |
| Leather....number.. | 11 | 18 | 14 | 18 | 16 | 26 | 14 | 12 | 23 | 14 | 17 | 14 | 8 |
| Liquors and tobacco....number.. | 15 | 14 | 10 | 7 | 6 | 10 | 4 | 6 | 9 | 9 | 6 | 6 | 10 |
| Lumber....number.. | 62 | 54 | 49 | 52 | 39 | 57 | 65 | 75 | 61 | 72 | 76 | 77 | 71 |
| Printing and engraving..number.. | 24 | 32 | 23 | 14 | 17 | 21 | 27 | 10 | 27 | 15 | 21 | 15 | 18 |
| Stone, clay, and glass....number.. | 18 | 9 | 6 | 6 | 13 | 7 | 9 | 5 | 7 | 4 | 11 | 12 | 14 |
| Textiles....number.. | 82 | 81 | 64 | 61 | 75 | 53 | 78 | 78 | 79 | 96 | 124 | 85 | 71 |
| Metals....number.. | 64 | 55 | 32 | 49 | 49 | 37 | 50 | 55 | 52 | 54 | 44 | 34 | 34 |
| All other....number.. | 191 | 290 | 198 | 181 | 258 | 167 | 250 | 227 | 282 | 269 | 270 | 251 | 190 |
| Traders— | | | | | | | | | | | | | |
| Total....number.. | 1,545 | 1,605 | 1,374 | 1,381 | 1,322 | 1,435 | 1,570 | 1,710 | 1,843 | 1,831 | 2,541 | 1,834 | 1,447 |
| Books and paper....number.. | 19 | 18 | 15 | 12 | 19 | 20 | 19 | 18 | 28 | 19 | 15 | 15 | 11 |
| Chemicals and paints...number.. | 114 | 112 | 90 | 109 | 86 | 84 | 108 | 98 | 107 | 93 | 117 | 114 | 111 |
| Clothing....number.. | 289 | 284 | 273 | 220 | 257 | 235 | 295 | 351 | 400 | 381 | 633 | 444 | 261 |
| Foods and tobacco....number.. | 411 | 447 | 353 | 441 | 363 | 360 | 401 | 451 | 441 | 438 | 476 | 461 | 393 |
| General stores....number.. | 124 | 105 | 87 | 78 | 66 | 89 | 88 | 109 | 152 | 131 | 220 | 138 | 104 |
| Household furniture....number.. | 260 | 260 | 234 | 235 | 239 | 243 | 357 | 297 | 358 | 407 | 571 | 290 | 245 |
| All other....number.. | 328 | 379 | 322 | 286 | 292 | 404 | 302 | 386 | 357 | 362 | 509 | 372 | 322 |
| Firms (Canada)....number.. | 275 | 256 | 230 | 164 | 223 | 174 | 196 | 204 | 213 | 253 | 296 | 295 | [1]246 |
| Liabilities (United States): | | | | | | | | | | | | | |
| Banks....thous. of dolls.. | 83,409 | [1]493,751 | [1]236,511 | 185,902 | 41,334 | 195,951 | 43,963 | 42,417 | 35,285 | 35,123 | 78,130 | 367,119 | 184,306 |
| Total commercial....thous. of dolls.. | 60,660 | 70,660 | 40,256 | 53,025 | 60,998 | 51,656 | 53,371 | 50,868 | 60,387 | 59,608 | 94,608 | 83,683 | 55,261 |
| Manufacturers....thous. of dolls.. | 26,112 | 26,334 | 14,857 | 16,967 | 20,586 | 21,909 | 18,506 | 18,719 | 24,072 | 25,304 | 47,633 | 19,948 | 19,438 |
| Trade establishments....thous. of dolls.. | 27,229 | 29,486 | 24,658 | 25,848 | 28,091 | 25,934 | 25,069 | 26,386 | 30,348 | 30,852 | 43,071 | 28,853 | 21,217 |
| Agents and brokers....thous. of dolls.. | 7,318 | 14,841 | 7,741 | 10,210 | 12,321 | 3,813 | 9,796 | 5,763 | 5,967 | 3,452 | 3,904 | 35,382 | 14,606 |
| Liabilities (Canada)....thous. of dolls.. | 6,300 | 3,200 | 4,539 | 2,138 | 3,345 | 3,504 | 2,775 | 3,638 | 3,752 | 3,014 | 4,215 | 6,994 | [1]3,111 |
| **Dividend and Interest Payments** | | | | | | | | | | | | | |
| Grand total....mills. of dolls.. | 558 | 747 | 533 | 490 | 946 | 762 | 560 | 749 | 594 | 524 | 1,121 | [1]720 | [1]595 |
| Dividend payments: | | | | | | | | | | | | | |
| Total....mills. of dolls.. | 251 | 288 | 233 | 245 | 387 | 346 | 292 | 314 | 311 | 285 | 521 | [1]291 | [1]293 |
| Industrial and miscellaneous....mills. of dolls.. | 183 | 225 | 174 | 170 | 267 | 237 | 213 | 236 | 236 | 217 | 386 | [1]216 | [1]209 |
| Steam railroads....mills. of dolls.. | 32 | 36 | 27 | 34 | 42 | 34 | 33 | 38 | 46 | 45 | 56 | 39 | 39 |
| Street railways....mills. of dolls.. | 11 | 9 | 6 | 6 | 11 | 7 | 8 | 9 | 7 | 9 | 16 | [1]13 | 12 |
| Interest payments....mills. of dolls.. | 307 | 459 | 300 | 245 | 559 | 416 | 268 | 435 | 284 | 239 | 601 | 429 | 302 |
| **Foreign Exchange Rates** | | | | | | | | | | | | | |
| America: | | | | | | | | | | | | | |
| Argentina....dolls. per gold peso.. | .588 | .520 | .597 | .646 | .699 | .703 | .707 | .765 | .780 | .719 | .697 | .756 | .781 |
| Brazil....dolls. per milreis.. | .062 | .056 | .059 | .064 | .072 | .075 | .067 | .073 | .079 | .086 | .091 | .096 | 0 |
| Canada....dolls. per Canadian doll.. | .890 | .891 | .963 | .997 | .997 | .997 | .999 | 1.000 | 1.000 | 1.000 | .998 | .990 | 1.001 |
| Chile....dolls. per paper peso.. | .121 | .121 | .120 | .121 | .121 | .121 | .121 | .121 | .121 | .121 | .121 | .121 | .121 |
| Asia: | | | | | | | | | | | | | |
| Japan....dolls. per yen.. | .493 | .493 | .493 | .494 | .494 | .494 | .494 | .494 | .494 | .494 | .494 | .496 | .496 |
| India....dolls. per rupee.. | .280 | .287 | .339 | .359 | .360 | .360 | .361 | .361 | .361 | .359 | .359 | .359 | .360 |
| Europe: | | | | | | | | | | | | | |
| Belgium....dolls. per belga.. | .139 | .140 | .139 | .139 | .140 | .139 | .139 | .139 | .139 | .139 | .139 | .140 | .139 |
| England....dolls. per lb sterling.. | 3.72 | 3.89 | 4.53 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.86 | 4.85 | 4.86 | 4.86 |
| France....dolls. per franc.. | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 | .039 |
| Italy....dolls. per lira.. | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 | .052 |
| Netherlands....dolls. per guilder.. | .402 | .404 | .403 | .403 | .403 | .402 | .402 | .401 | .401 | .401 | .402 | .403 | .102 |
| Sweden....dolls. per krone.. | .207 | .231 | .261 | .268 | .268 | .268 | .268 | .268 | .268 | .268 | .268 | .268 | .468 |
| Switzerland....dolls. per franc.. | .195 | .196 | .195 | .195 | .194 | .194 | .193 | .193 | .192 | .193 | .194 | .194 | .194 |

* Rate changed Dec. 24, 1930, May 8, 1931, Oct. 9, to 2.50, and Oct. 16 to 3.50.

[1] Revised.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FINANCE—Continued** | | | | | | | | | | | | | |
| **Gold and Silver** | | | | | | | | | | | | | |
| Gold: | | | | | | | | | | | | | |
| Domestic receipts at mint....fine ounces.. | 134,775 | 123,748 | 128,928 | 115,343 | 118,123 | 114,651 | 95,133 | 93,612 | 85,091 | 87,717 | 94,476 | 109,907 | 113,430 |
| Exports....thous. of dolls.. | 4,994 | 398,604 | 28,708 | 39 | 1,009 | 40 | 628 | 27 | 26 | 14 | 54 | 36 | 5,008 |
| Earmarked for foreign account....thous. of dolls.. | 435,621 | 463,931 | 356,321 | 77,231 | 61,231 | 31,531 | 123,795 | 127,795 | 120,295 | 123,295 | 125,795 | 137,695 | [2] 122,536 |
| Imports....thous. of dolls.. | 94,430 | [2] 60,919 | 49,269 | 57,539 | 20,512 | 63,887 | 50,258 | 49,543 | 25,671 | 16,156 | 34,426 | 32,778 | 40,159 |
| Monetary stocks of U. S., daily average....mills. of dolls.. | 4,363 | 4,447 | 4,948 | 4,975 | 4,958 | 4,865 | 4,767 | 4,711 | 4,682 | 4,656 | 4,622 | 4,583 | 4,553 |
| Rand output....fine ounces.. | ..... | 945,000 | 916,000 | 916,425 | 916,843 | 897,000 | 910,279 | 882,237 | 910,998 | 839,937 | 914,576 | 908,492 | 884,735 |
| Silver: | | | | | | | | | | | | | |
| Exports....thous. of dolls.. | 871 | 2,158 | 2,183 | 2,024 | 2,305 | 1,895 | 2,099 | 3,249 | 2,323 | 1,638 | 3,571 | 3,472 | 4,102 |
| Imports....thous. of dolls.. | 2,121 | [2] 2,573 | 2,355 | 2,685 | 1,663 | 2,364 | 2,636 | 2,439 | 1,821 | 1,877 | 2,896 | 2,660 | 2,652 |
| Price at New York....dolls. per fine oz.. | .322 | .295 | .282 | .275 | .283 | .273 | .277 | .283 | .292 | .268 | .294 | .326 | .359 |
| Production— | | | | | | | | | | | | | |
| United States....thous. of fine oz.. | 2,012 | [2] 2,181 | 2,101 | 2,419 | 2,176 | 2,433 | 2,762 | 2,831 | 3,528 | 3,187 | 3,480 | 3,713 | 3,738 |
| Canada....thous. of fine oz.. | 1,659 | 2,117 | 1,403 | 1,610 | 2,133 | 731 | 1,836 | 1,139 | 1,431 | 1,772 | 1,932 | 2,043 | 1,412 |
| Mexico....thous. of fine oz.. | ..... | ..... | 7,510 | 6,814 | 6,390 | 7,041 | 7,374 | 9,535 | 6,510 | 6,944 | 8,751 | 8,481 | 8,712 |
| Stocks, end of month— | | | | | | | | | | | | | |
| United States....thous. of fine oz.. | 5,035 | 4,066 | 4,082 | 2,240 | 2,077 | 1,611 | 1,485 | 713 | 2,714 | 1,851 | 792 | 960 | 956 |
| Canada....thous. of fine oz.. | 1,471 | 1,110 | 989 | 1,363 | 754 | 958 | 1,423 | 1,509 | 796 | 702 | 694 | 179 | 216 |
| **Net Corporation Profits** | | | | | | | | | | | | | |
| Grand total....mills. of dolls.. | ..... | ..... | 390 | ..... | ..... | [2] 441 | ..... | ..... | 382 | ..... | ..... | [2] 504 | ..... |
| Total industrial and mercantile....mills. of dolls.. | ..... | ..... | 97 | ..... | ..... | [2] 159 | ..... | ..... | [2] 125 | ..... | ..... | [2] 116 | ..... |
| Automobile parts and accessories, exclusive of tires....mills. of dolls.. | ..... | ..... | 14 | ..... | ..... | [2] 65 | ..... | ..... | [2] 30 | ..... | ..... | [2] 10 | ..... |
| Food....mills. of dolls.. | ..... | ..... | 29 | ..... | ..... | [2] 35 | ..... | ..... | [2] 31 | ..... | ..... | [2] 30 | ..... |
| Oil....mills. of dolls.. | ..... | ..... | 5 | ..... | ..... | [2] 0 | ..... | ..... | [2] 0 | ..... | ..... | [2] 0 | ..... |
| Metals and mining....mills. of dolls.. | ..... | ..... | 0 | ..... | ..... | [2] 3 | ..... | ..... | [2] 4 | ..... | ..... | [2] 4 | ..... |
| Machinery....mills. of dolls.. | ..... | ..... | 3 | ..... | ..... | [2] 5 | ..... | ..... | [2] 5 | ..... | ..... | [2] 9 | ..... |
| Miscellaneous....mills. of dolls.. | ..... | ..... | 48 | ..... | ..... | [2] 53 | ..... | ..... | [2] 47 | ..... | ..... | [2] 43 | ..... |
| Steel and railroad equipment....mills. of dolls.. | ..... | ..... | 0 | ..... | ..... | [2] 9 | ..... | ..... | [2] 9 | ..... | ..... | [2] 16 | ..... |
| Class I railroads....mills. of dolls.. | ..... | ..... | 167 | ..... | ..... | [2] 132 | ..... | ..... | [2] 107 | ..... | ..... | [2] 226 | ..... |
| Other public utilities....mills. of dolls.. | ..... | ..... | 59 | ..... | ..... | [2] 78 | ..... | ..... | [2] 81 | ..... | ..... | [2] 94 | ..... |
| Telephones....mills. of dolls.. | ..... | ..... | 67 | ..... | ..... | [2] 72 | ..... | ..... | [2] 69 | ..... | ..... | [2] 68 | ..... |
| **Life Insurance** | | | | | | | | | | | | | |
| **(Association of Life Insurance Presidents)** | | | | | | | | | | | | | |
| Admitted life insurance assets (40 cos.): | | | | | | | | | | | | | |
| Grand total....mills. of dolls.. | ..... | 16,227 | 16,135 | 16,070 | 15,978 | 15,871 | 15,769 | 15,662 | 15,573 | 15,474 | 15,392 | 15,293 | 15,217 |
| Mortgage loans— | | | | | | | | | | | | | |
| Total....mills. of dolls.. | ..... | 6,379 | 6,363 | 6,359 | 6,353 | 6,356 | 6,345 | 6,332 | 6,330 | 6,323 | 6,312 | 6,303 | 6,270 |
| Farm....mills. of dolls.. | ..... | 1,527 | 1,530 | 1,533 | 1,535 | 1,537 | 1,541 | 1,544 | 1,547 | 1,555 | 1,555 | 1,554 | 1,561 |
| All other....mills. of dolls.. | ..... | 4,852 | 4,833 | 4,826 | 4,818 | 4,819 | 4,804 | 4,788 | 4,783 | 4,768 | 4,757 | 4,749 | 4,709 |
| Bonds and stocks (book value): | | | | | | | | | | | | | |
| Government....mills. of dolls.. | ..... | 1,283 | 1,292 | 1,258 | 1,213 | 1,189 | 1,164 | 1,134 | 1,120 | 1,108 | 1,106 | 1,104 | 1,101 |
| Public utility....mills. of dolls.. | ..... | 1,665 | 1,663 | 1,667 | 1,662 | 1,644 | 1,611 | 1,605 | 1,578 | 1,572 | 1,545 | 1,531 | 1,526 |
| Railroad....mills. of dolls.. | ..... | 2,687 | 2,669 | 2,663 | 2,657 | 2,653 | 2,653 | 2,660 | 2,651 | 2,648 | 2,633 | 2,637 | 2,640 |
| All other....mills. of dolls.. | ..... | 524 | 519 | 504 | 503 | 504 | 499 | 495 | 487 | 485 | 478 | 475 | 469 |
| Total....mills. of dolls.. | ..... | 6,159 | 6,143 | 6,092 | 6,035 | 5,990 | 5,927 | 5,894 | 5,836 | 5,813 | 5,762 | 5,747 | 5,736 |
| Policy loans and premium notes....mills. of dolls.. | ..... | 2,508 | 2,446 | 2,409 | 2,388 | 2,363 | 2,331 | 2,300 | 2,273 | 2,241 | 2,212 | 2,169 | 2,127 |
| Amount of new insurance (44 cos.): | | | | | | | | | | | | | |
| Group....mills. of dolls.. | 29 | 41 | 37 | 46 | 46 | 81 | 72 | 99 | 62 | 104 | 78 | 131 | 59 |
| Industrial....mills. of dolls.. | 230 | 214 | 199 | 247 | 253 | 251 | 236 | 225 | 247 | 209 | 214 | 229 | 208 |
| Ordinary....mills. of dolls.. | 588 | 563 | 484 | 547 | 606 | 673 | 672 | 691 | 720 | 599 | 596 | 753 | 593 |
| Total insurance....mills. of dolls.. | 847 | 818 | 720 | 839 | 905 | 1,005 | 980 | 1,025 | 1,028 | 912 | 888 | 1,112 | 861 |
| Policies and certificates, new (44 cos.): | | | | | | | | | | | | | |
| Group....thous. of certificates.. | 19 | 18 | 22 | 26 | 22 | 45 | 35 | 59 | 28 | 60 | 44 | 59 | 28 |
| Industrial....thous. of policies.. | 951 | 761 | 723 | 995 | 994 | 926 | 845 | 865 | 881 | 731 | 750 | 794 | 741 |
| Ordinary....thous. of policies.. | 259 | 256 | 224 | 233 | 260 | 285 | 288 | 301 | 321 | 247 | 231 | 319 | 253 |
| Total policies and certificates..thousands.. | 1,229 | 1,035 | 968 | 1,254 | 1,276 | 1,256 | 1,168 | 1,225 | 1,230 | 1,039 | 1,026 | 1,172 | 1,022 |
| Premium collections (44 cos.): * | | | | | | | | | | | | | |
| Annuities....thous. of dolls.. | ..... | 10,125 | 9,019 | 9,304 | 17,979 | 13,868 | 25,175 | 12,682 | 11,919 | 12,430 | 10,741 | 19,615 | 7,094 |
| Group....thous. of dolls.. | ..... | 7,484 | 7,521 | 7,895 | 8,114 | 8,117 | 8,037 | 8,398 | 8,790 | 8,748 | 10,108 | 9,591 | 7,269 |
| Industrial....thous. of dolls.. | ..... | 58,365 | 55,319 | 62,874 | 55,612 | 60,654 | 59,884 | 53,854 | 62,920 | 56,388 | 62,659 | 112,666 | 58,108 |
| Ordinary....thous. of dolls.. | ..... | 165,587 | 150,450 | 154,579 | 178,398 | 173,947 | 175,562 | 183,992 | 186,452 | 166,759 | 170,497 | 191,871 | 154,473 |
| Total....thous. of dolls.. | ..... | 241,561 | 222,309 | 234,652 | 260,103 | 256,586 | 268,658 | 258,926 | 270,081 | 244,325 | 254,005 | 333,743 | 226,944 |
| Sales of ordinary life insurance (Life Insurance Sales Research Bureau): | | | | | | | | | | | | | |
| Canada, total, 15 cos....thous. of dolls.. | 38,860 | 36,006 | 30,066 | 35,738 | 39,977 | 46,227 | 41,314 | 45,648 | 46,945 | 40,180 | 41,188 | 49,874 | 46,868 |
| United States, total....thous. of dolls.. | 629,760 | 599,855 | 535,353 | 589,497 | 634,902 | 734,614 | 724,206 | 754,002 | 770,440 | 647,140 | 628,607 | 795,642 | 653,131 |
| Eastern manufacturing district....thous. of dolls.. | 278,665 | 258,245 | 221,440 | 242,920 | 267,378 | 321,403 | 313,038 | 327,077 | 343,745 | 289,757 | 280,066 | 324,635 | 279,651 |
| Far western district....thous. of dolls.. | 64,140 | 61,492 | 56,553 | 60,607 | 63,112 | 70,226 | 68,663 | 70,943 | 73,579 | 60,094 | 61,589 | 86,291 | 65,011 |
| Southern district....thous. of dolls.. | 66,626 | 64,470 | 61,076 | 69,047 | 73,714 | 84,055 | 81,955 | 82,930 | 77,628 | 64,009 | 65,329 | 91,922 | 72,189 |
| Western agricultural district....thous. of dolls.. | 80,794 | 80,224 | 75,004 | 84,197 | 91,959 | 100,752 | 98,861 | 102,396 | 101,945 | 86,439 | 82,754 | 117,117 | 90,178 |
| Western manufacturing district....thous. of dolls.. | 139,535 | 135,424 | 121,280 | 132,726 | 138,739 | 158,178 | 161,689 | 170,657 | 173,543 | 146,841 | 138,869 | 175,677 | 146,102 |
| Ordinary life insurance, lapse rates (Life Insurance Research Bureau): | | | | | | | | | | | | | |
| United States, total....rel. to 1925–26.. | ..... | ..... | [2] 124 | ..... | ..... | [2] 111 | ..... | ..... | [2] 113 | ..... | ..... | [2] 127 | ..... |
| East North Central....rel. to 1925–26.. | ..... | ..... | [2] 140 | ..... | ..... | [2] 123 | ..... | ..... | [2] 116 | ..... | ..... | [2] 139 | ..... |
| East South Central....rel. to 1925–26.. | ..... | ..... | [2] 123 | ..... | ..... | [2] 117 | ..... | ..... | [2] 128 | ..... | ..... | [2] 139 | ..... |
| Middle Atlantic....rel. to 1925–26.. | ..... | ..... | [2] 140 | ..... | ..... | [2] 127 | ..... | ..... | [2] 128 | ..... | ..... | [2] 143 | ..... |
| Mountain....rel. to 1925–26.. | ..... | ..... | [2] 113 | ..... | ..... | [2] 95 | ..... | ..... | [2] 108 | ..... | ..... | [2] 125 | ..... |
| New England....rel. to 1925–26.. | ..... | ..... | [2] 122 | ..... | ..... | [2] 105 | ..... | ..... | [2] 114 | ..... | ..... | [2] 141 | ..... |
| Pacific....rel. to 1925–26.. | ..... | ..... | [2] 116 | ..... | ..... | [2] 103 | ..... | ..... | [2] 98 | ..... | ..... | [2] 114 | ..... |
| South Atlantic....rel. to 1925–26.. | ..... | ..... | [2] 107 | ..... | ..... | [2] 100 | ..... | ..... | [2] 109 | ..... | ..... | [2] 121 | ..... |
| West North Central....rel. to 1925–26.. | ..... | ..... | [2] 120 | ..... | ..... | [2] 107 | ..... | ..... | [2] 108 | ..... | ..... | [2] 112 | ..... |
| West South Central....rel. to 1925–26.. | ..... | ..... | [2] 122 | ..... | ..... | [2] 110 | ..... | ..... | [2] 119 | ..... | ..... | [2] 124 | ..... |

* For earlier data see table on page 21 of the October, 1931, issue. [2] Revised. Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FINANCE—Continued** | | | | | | | | | | | | | |
| **Public Finance** | | | | | | | | | | | | | |
| Customs receipts ... thous. of dolls. | 27,445 | 35,175 | 35,500 | 38,240 | 34,480 | 28,986 | 27,463 | 31,798 | 31,807 | 28,107 | 28,808 | 30,764 | 36,365 |
| Expenditures chargeable to ordinary receipts ... thous. of dolls. | 292,652 | 416,472 | 356,630 | 323,838 | 330,661 | 375,153 | 285,892 | 432,366 | 720,236 | 191,425 | 413,796 | 364,540 | 244,651 |
| Government debt, gross, end of month ... mills. of dolls. | 17,310 | 17,292 | 17,321 | 16,864 | 16,802 | 16,801 | 16,527 | 16,655 | 16,583 | 16,231 | 16,163 | 16,026 | 16,185 |
| Total ordinary receipts ... thous. of dolls. | 106,304 | 134,649 | 368,792 | 122,141 | 131,706 | 512,894 | 124,405 | 148,208 | 433,301 | 118,614 | 125,605 | 717,092 | 120,362 |
| United States money in circulation ... mills. of dolls. | 5,518 | 5,478 | 5,133 | 4,947 | 4,836 | 4,750 | 4,679 | 4,647 | 4,590 | 4,598 | 4,695 | 4,823 | 4,528 |
| **Stockholders** | | | | | | | | | | | | | |
| American Telephone & Telegraph Co.: | | | | | | | | | | | | | |
| Domestic ... number | | | [1] 605,885 | | | [1] 595,322 | | | [1] 574,905 | | | [1] 560,424 | |
| Foreign ... number | | | [1] 6,870 | | | [1] 6,735 | | | [1] 6,383 | | | [1] 6,184 | |
| Pennsylvania R. R. Co.: | | | | | | | | | | | | | |
| Domestic ... number | | | [1] 241,391 | | | [1] 240,734 | | | [1] 235,306 | | | [1] 233,414 | |
| Foreign ... number | | | [1] 3,284 | | | [1] 3,291 | | | [1] 3,272 | | | [1] 3,190 | |
| U. S. Steel Corporation (common stock): | | | | | | | | | | | | | |
| Domestic ... number | | | [1] 166,316 | | | [1] 153,718 | | | [1] 147,440 | | | [1] 143,221 | |
| Foreign ... number | | | [1] 2,701 | | | [1] 2,520 | | | [1] 2,451 | | | [1] 2,345 | |
| Shares held by brokers ... p. ct. of total | | | [1] 13.16 | | | [1] 14.37 | | | [1] 15.68 | | | [1] 16.20 | |
| **Stocks and Bonds** | | | | | | | | | | | | | |
| BONDS | | | | | | | | | | | | | |
| Bond prices: | | | | | | | | | | | | | |
| Combined price index ... p. ct. of par, 4% bond | 64.08 | 65.06 | 72.24 | 77.05 | 80.99 | 79.07 | 80.48 | 80.86 | 82.29 | 82.06 | 81.98 | 78.96 | 81.10 |
| Highest-grade rails ... p. ct. of par, 4% bond | 83.73 | 84.35 | 92.70 | 95.14 | 97.70 | 97.73 | 97.68 | 96.11 | 96.31 | 96.41 | 96.59 | 92.89 | 94.63 |
| Industrial ... p. ct. of par, 4% bond | 56.31 | 55.48 | 61.60 | 65.82 | 67.75 | 64.36 | 66.70 | 68.15 | 70.83 | 70.72 | 70.98 | 68.61 | 70.53 |
| Public utility ... p. ct. of par, 4% bond | 72.15 | 71.93 | 78.40 | 82.81 | 83.68 | 82.76 | 80.91 | 80.06 | 79.59 | 79.00 | 78.14 | 75.54 | 77.32 |
| Second-grade rails ... p. ct. of par, 4% bond | 53.02 | 56.49 | 64.11 | 70.76 | 80.34 | 78.51 | 82.54 | 84.03 | 86.58 | 86.39 | 86.54 | 82.78 | 85.85 |
| Bond prices, 1st of following month: | | | | | | | | | | | | | |
| 50 domestic bonds ... p. ct. of par | 91.72 | 92.96 | 96.32 | 99.98 | 100.38 | 100.25 | 99.89 | 100.12 | 100.15 | 100.27 | 99.57 | 99.54 | 99.68 |
| 40 representative issues ... p. ct. of par | 50.20 | 56.10 | 53.98 | 71.02 | 72.32 | 83.84 | 81.01 | 85.30 | 88.03 | 86.67 | 84.56 | 81.53 | 84.05 |
| 5 Liberty bonds ... p. ct. of par | 100.86 | 100.37 | 103.76 | 106.04 | 106.09 | 106.30 | 106.84 | 105.77 | 105.37 | 104.85 | 104.23 | 105.53 | 106.41 |
| Bond yields: | | | | | | | | | | | | | |
| Industrial (15) ... per cent | 6.08 | 6.21 | 5.64 | 5.26 | 5.13 | 5.25 | 5.24 | 5.10 | 4.98 | 5.01 | 4.99 | 5.12 | 4.97 |
| Liberty and Treasury bonds ... per cent | 3.69 | 3.71 | 3.42 | 3.34 | 3.32 | 3.30 | 3.31 | 3.38 | 3.39 | 3.40 | 3.33 | 3.34 | 3.32 |
| Municipal (15) ... per cent | 4.62 | 4.51 | 4.00 | 3.88 | 3.88 | 3.76 | 3.75 | 3.80 | 3.89 | 3.95 | 3.92 | 4.08 | 4.00 |
| Municipal bond yield (20) ... per cent | 4.45 | 4.34 | 4.06 | 3.85 | 3.86 | 3.84 | 3.74 | 3.85 | 3.90 | 4.03 | 4.05 | 4.12 | 4.06 |
| Railroads (15) ... per cent | 5.17 | 5.14 | 4.66 | 4.47 | 4.32 | 4.32 | 4.27 | 4.33 | 4.27 | 4.27 | 4.25 | 4.41 | 4.32 |
| U. S. Treasury notes and certificates, 3-6 mos ... per cent | 1.77 | 1.70 | .45 | .42 | .41 | .55 | .88 | 1.49 | 1.38 | 1.06 | 1.24 | 1.48 | 1.40 |
| Utilities (15) ... per cent | 4.89 | 4.77 | 4.50 | 4.40 | 4.42 | 4.46 | 4.44 | 4.46 | 4.48 | 4.54 | 4.56 | 4.61 | 4.57 |
| Total, 60 high grade ... per cent | 5.19 | 5.16 | 4.70 | 4.50 | 4.44 | 4.45 | 4.43 | 4.43 | 4.41 | 4.44 | 4.43 | 4.55 | 4.46 |
| Long-term real-estate bonds issued: | | | | | | | | | | | | | |
| Grand total ... thous. of dolls. | 2,619 | 9,125 | 66,785 | 2,100 | 775 | 3,425 | 9,485 | 7,235 | 2,015 | 3,590 | 4,520 | 29,877 | 9,965 |
| Interest rates ... per cent | 5.71 | 5.00 | 5.80 | 5.76 | 5.78 | 5.69 | 5.43 | 5.68 | 5.66 | 5.36 | 5.81 | 5.75 | 5.74 |
| Kind of structure— | | | | | | | | | | | | | |
| Apartments ... thous. of dolls. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 0 | 0 | 0 | 0 | 110 |
| Hotels ... thous. of dolls. | 500 | 0 | 0 | 0 | 0 | 0 | 265 | 0 | 0 | 0 | 1,250 | 340 | 0 |
| Office and commercial ... thous. of dolls. | 1,979 | 9,125 | 66,445 | 1,985 | 175 | 2,700 | 8,650 | 4,400 | 1,475 | 2,000 | 1,200 | 28,972 | 9,300 |
| Purpose of issue— | | | | | | | | | | | | | |
| Acquisitions and improvements ... thous. of dolls. | 0 | 0 | 0 | 0 | 0 | 0 | 265 | 0 | 210 | 0 | 1,250 | 850 | 0 |
| Finance construction ... thous. of dolls. | 725 | 500 | 395 | 565 | 600 | 1,000 | 0 | 1,700 | 1,000 | 1,500 | 2,850 | 530 | 1,595 |
| Real-estate mortgage ... thous. of dolls. | 1,894 | 8,625 | 66,090 | 635 | 0 | 425 | 9,220 | 3,135 | 630 | 1,090 | 0 | 27,945 | 5,120 |
| STOCKS | | | | | | | | | | | | | |
| Stock prices, average daily closing: | | | | | | | | | | | | | |
| 25 industrials, average ... dolls. per share | 142.97 | 146.65 | 156.80 | 190.59 | 193.83 | 198.56 | 193.75 | 215.74 | 237.52 | 235.29 | 214.18 | 212.34 | 227.60 |
| 25 industrials, average ... rel. to 1923-25 | 114.2 | 117.2 | 125.3 | 152.3 | 154.9 | 158.6 | 154.8 | 172.4 | 189.8 | 188.0 | 171.1 | 169.6 | 181.8 |
| 25 railroads, average ... dolls. per share | 37.82 | 44.72 | 46.44 | 57.87 | 64.88 | 68.09 | 65.89 | 74.97 | 84.55 | 92.03 | 90.38 | 82.00 | 90.23 |
| 25 railroads, average ... rel. to 1923-25 | 54.1 | 63.9 | 66.4 | 82.7 | 92.8 | 97.4 | 94.2 | 107.2 | 120.9 | 131.6 | 129.2 | 117.2 | 129.0 |
| 103 stocks, average ... dolls. per share | 21.27 | 23.85 | 22.90 | 32.48 | 33.35 | 35.81 | 31.39 | 36.38 | 40.49 | 44.00 | 40.69 | 38.09 | 42.12 |
| Stock prices, average weekly closing: | | | | | | | | | | | | | |
| All groups (404) ... rel. to 1926 | 71.7 | 69.7 | 81.7 | 95.5 | 98.2 | 95.1 | 98.0 | 109.2 | 121.6 | 119.8 | 112.3 | 109.4 | 116.7 |
| All railroads (33) ... rel. to 1926 | 46.0 | 48.4 | 56.1 | 66.2 | 75.3 | 74.0 | 76.8 | 87.3 | 97.2 | 104.7 | 100.4 | 93.5 | 102.1 |
| All utilities (34) ... rel. to 1926 | 114.7 | 111.9 | 131.9 | 154.0 | 157.5 | 153.0 | 156.4 | 169.8 | 188.9 | 177.9 | 163.4 | 157.9 | 167.4 |
| Industrials, rails and utilities (337) ... rel. to 1926 | 67.5 | 64.8 | 75.8 | 88.5 | 89.8 | 86.5 | 89.4 | 100.3 | 111.8 | 110.3 | 103.4 | 101.9 | 108.5 |
| Agricultural implements (4) ... rel. to 1926 | 98.1 | 80.1 | 94.0 | 115.0 | 130.7 | 129.2 | 140.3 | 150.5 | 178.6 | 174.0 | 161.7 | 169.7 | 195.8 |
| Airplanes (10) ... rel. to 1926 | 122.2 | 121.5 | 158.1 | 194.1 | 196.3 | 189.7 | 202.3 | 227.6 | 268.2 | 237.3 | 202.5 | 177.0 | 214.9 |
| Automobiles and trucks (13) ... rel. to 1926 | 75.4 | 70.4 | 84.7 | 103.4 | 104.9 | 101.2 | 110.0 | 117.4 | 128.6 | 120.4 | 106.2 | 100.3 | 101.2 |
| Automobile tires and rubber goods (7) ... rel. to 1926 | 33.0 | 31.3 | 41.1 | 49.1 | 50.2 | 46.7 | 46.4 | 50.0 | 57.5 | 54.4 | 50.6 | 54.9 | 56.0 |
| Chain stores (17) ... rel. to 1926 | 69.3 | 69.7 | 80.0 | 91.6 | 89.2 | 88.5 | 88.8 | 86.2 | 89.9 | 86.4 | 78.4 | 78.1 | 81.7 |
| Copper and brass (9) ... rel. to 1926 | 45.0 | 43.0 | 50.0 | 61.0 | 65.8 | 62.0 | 66.7 | 79.4 | 95.7 | 90.8 | 82.1 | 79.9 | 90.8 |
| Food, other than meat (20) ... rel. to 1926 | 89.2 | 84.3 | 96.7 | 112.0 | 112.2 | 111.9 | 117.7 | 127.1 | 136.9 | 133.2 | 127.2 | 123.0 | 126.4 |
| Machinery and machine equipment (10) ... rel. to 1926 | 60.7 | 59.3 | 71.6 | 84.2 | 88.0 | 83.4 | 88.7 | 109.4 | 125.1 | 125.8 | 120.4 | 116.9 | 120.3 |
| Oil producing and refining (16) ... rel. to 1926 | 56.7 | 53.1 | 60.0 | 69.9 | 67.4 | 63.1 | 63.2 | 74.1 | 84.5 | 90.7 | 89.1 | 87.8 | 96.9 |
| Railroad equipment (9) ... rel. to 1926 | 41.5 | 41.2 | 46.4 | 54.5 | 57.2 | 54.6 | 57.1 | 67.5 | 78.2 | 77.4 | 74.1 | 72.9 | 76.8 |
| Rayon (5) ... rel. to 1926 | 46.0 | 42.6 | 45.9 | 48.4 | 48.9 | 48.6 | 48.6 | 52.6 | 51.5 | 52.2 | 53.8 | 58.2 | 67.9 |
| Steel and iron (9) ... rel. to 1926 | 44.6 | 41.7 | 54.8 | 65.2 | 71.8 | 68.2 | 72.1 | 86.1 | 102.9 | 101.2 | 89.8 | 91.6 | 99.5 |
| Textiles (30) ... rel. to 1926 | 33.7 | 35.9 | 40.4 | 44.7 | 45.8 | 45.0 | 47.4 | 52.2 | 58.2 | 55.3 | 52.5 | 51.0 | 54.9 |
| Theaters, motion pictures and amusements (7) ... rel. to 1926 | 27.7 | 28.3 | 37.9 | 43.4 | 44.5 | 44.6 | 44.3 | 61.3 | 76.1 | 80.2 | 69.4 | 66.7 | 77.7 |
| Tobacco and tobacco products (10) ... rel. to 1926 | 106.2 | 104.7 | 117.5 | 136.9 | 141.0 | 133.5 | 137.3 | 144.3 | 143.8 | 137.4 | 131.5 | 125.6 | 129.2 |
| Traction, motor transportation (9) ... rel. to 1926 | 43.6 | 43.6 | 51.1 | 59.8 | 62.7 | 63.2 | 60.8 | 61.9 | 67.1 | 66.3 | 63.1 | 63.3 | 67.9 |

[1] Quarter ending in month indicated.

## MONTHLY BUSINESS STATISTICS—Continued

| *Earlier data for items shown here may be found in the 1931 Annual Supplement to the Survey* | 1931 | | | | | | | | | | | 1930 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | November | October | September | August | July | June | May | April | March | February | January | December | November |
| **FINANCE—Continued** | | | | | | | | | | | | | |
| **Stocks and Bonds—Continued** | | | | | | | | | | | | | |
| **Stocks—Continued** | | | | | | | | | | | | | |
| Stock sales, N. Y. Stock Exchange ..... thous. of shares | 37,369 | 47,895 | 51,140 | 24,890 | 33,540 | 58,719 | 46,661 | 54,335 | 65,494 | 64,145 | 52,543 | 58,764 | 51,946 |
| Stock yields: | | | | | | | | | | | | | |
| Preferred high-grade industrial (20) ..... per cent | 6.45 | 6.40 | 6.03 | 5.80 | 5.77 | 5.85 | 5.71 | 5.59 | 5.54 | 5.61 | 5.66 | 5.77 | 5.62 |
| Total common (90) ..... per cent | 7.07 | 7.28 | 6.51 | 5.74 | 5.66 | 5.96 | 5.95 | 5.43 | 4.95 | 5.12 | 5.50 | 5.62 | 5.43 |
| Industrials (50) ..... per cent | 7.32 | 7.49 | 6.63 | 5.94 | 5.89 | 6.26 | 6.23 | 5.69 | 5.17 | 5.35 | 5.73 | 5.79 | 5.69 |
| Public utilities (20) ..... per cent | 5.50 | 5.74 | 5.11 | 4.36 | 4.33 | 4.47 | 4.42 | 4.04 | 3.60 | 3.89 | 4.26 | 4.37 | 4.10 |
| Railroads (20) ..... per cent | 9.88 | 10.07 | 9.59 | 8.15 | 7.54 | 7.76 | 7.91 | 7.12 | 6.75 | 6.29 | 6.56 | 7.05 | 6.46 |
| **New Security Issues** | | | | | | | | | | | | | |
| Bond sales, Canada: | | | | | | | | | | | | | |
| Total ..... thous. of dolls | 150,033 | 436 | 51,073 | 1,923 | 7,133 | 62,240 | 666,840 | 57,994 | 44,958 | 39,834 | 109,864 | 46,839 | 69,563 |
| Corporation ..... thous. of dolls | 0 | 150 | 240 | 400 | 683 | 5,085 | 9,660 | 3,975 | 17,054 | 19,300 | 2,685 | 12,355 | 7,000 |
| Dominion and provincial ..... thous. of dolls | 150,000 | 0 | 0 | 0 | 5,000 | 33,650 | 650,141 | 25,764 | 8,057 | 8,000 | 35,444 | 7,714 | 60,000 |
| Municipal ..... thous. of dolls | 33 | 286 | 833 | 1,523 | 1,450 | 13,505 | 7,039 | 28,254 | 18,097 | 12,534 | 1,735 | 2,520 | 2,563 |
| Railways ..... thous. of dolls | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 1,750 | 0 | 70,000 | 24,250 | 0 |
| Bond sales (U. S.): | | | | | | | | | | | | | |
| Corporation— | | | | | | | | | | | | | |
| Total ..... thous. of dolls | 70,202 | 17,891 | 176,264 | 51,997 | 155,934 | 252,918 | 250,599 | 456,678 | 401,229 | 88,226 | 580,706 | 187,644 | 141,855 |
| Class of industry— | | | | | | | | | | | | | |
| Industrial ..... thous. of dolls | 583 | 2,160 | 4,550 | 9,197 | 15,439 | 6,350 | 4,850 | 96,932 | 82,400 | 2,925 | 69,173 | 21,889 | 10,562 |
| Land and buildings ..... thous. of dolls | 5,784 | 9,625 | 67,009 | 2,650 | 1,651 | 3,813 | 10,415 | 7,577 | 3,765 | 6,405 | 8,021 | 30,002 | 15,365 |
| Oil ..... thous. of dolls | 0 | 0 | 0 | 400 | 0 | 5,000 | 2,000 | 4,940 | 2,053 | 0 | 1,500 | 0 | 4,250 |
| Public utilities ..... thous. of dolls | 51,285 | 2,000 | 42,080 | 27,456 | 136,800 | 220,416 | 210,025 | 305,661 | 101,393 | 64,266 | 324,108 | 116,778 | 89,738 |
| Railroads ..... thous. of dolls | 12,550 | 0 | 60,000 | 12,295 | 0 | 16,113 | 22,500 | 6,000 | 200,018 | 12,000 | 175,064 | 14,250 | 7,600 |
| Shipping and miscellaneous ..... thous. of dolls | 0 | 4,106 | 2,625 | 0 | 2,044 | 1,226 | 800 | 35,568 | 11,600 | 2,630 | 2,900 | 4,725 | 14,340 |
| Purpose of issue— | | | | | | | | | | | | | |
| New capital ..... thous. of dolls | 50,123 | 17,391 | 156,381 | 46,197 | 115,070 | 131,343 | 169,360 | 267,471 | 269,030 | 74,251 | 399,848 | 180,872 | 137,622 |
| Refunding ..... thous. of dolls | 20,079 | 500 | 19,883 | 5,800 | 40,864 | 121,575 | 81,230 | 189,207 | 132,199 | 13,975 | 180,858 | 6,772 | 4,233 |
| Type of security— | | | | | | | | | | | | | |
| Bonds and notes ..... thous. of dolls | 46,347 | 14,285 | 163,399 | 39,835 | 153,814 | 247,034 | 190,065 | 354,969 | 391,758 | 61,460 | 535,404 | 114,135 | 123,417 |
| Stocks ..... thous. of dolls | 23,855 | 3,606 | 12,865 | 12,162 | 2,120 | 5,884 | 60,525 | 101,709 | 9,471 | 26,766 | 45,302 | 73,509 | 18,438 |
| Bond sales on N. Y. Stock Exchange: | | | | | | | | | | | | | |
| Miscellaneous ..... thous. of dolls | 199,228 | 290,822 | 267,323 | 191,035 | 219,615 | 252,585 | 221,256 | 215,661 | 238,298 | 174,535 | 247,308 | 250,707 | 182,906 |
| Liberty—Treasury ..... thous. of dolls | 37,389 | 56,157 | 38,493 | 8,675 | 8,284 | 15,167 | 14,431 | 12,127 | 8,723 | 19,911 | 16,809 | 15,055 | 6,640 |
| Total ..... thous. of dolls | 236,617 | 346,979 | 305,816 | 199,710 | 227,899 | 267,752 | 235,687 | 227,788 | 247,021 | 194,446 | 264,117 | 265,762 | 189,546 |
| Foreign governments, excl. Canada ..... thous. of dolls | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,500 |
| Foreign loans in the United States ..... thous. of dolls | 0 | 0 | [1] 23,602 | 0 | 1,900 | 38,800 | 69,184 | 44,303 | 13,791 | 8,707 | 95,657 | 22,377 | 5,662 |
| States and municipalities: | | | | | | | | | | | | | |
| Permanent loans ..... thous. of dolls | 51,351 | [1] 18,343 | 121,392 | [1] 75,618 | [1] 85,327 | 120,336 | [1] 169,094 | [1] 111,386 | 279,443 | 119,589 | 49,977 | 97,703 | 93,982 |
| Temporary loans ..... thous. of dolls | 67,925 | [1] 50,122 | 102,129 | 91,522 | 45,602 | 30,892 | [1] 24,772 | 196,598 | 64,979 | 238,436 | 81,697 | 76,591 | 80,422 |

[1] Revised.

U. S. GOVERNMENT PRINTING OFFICE: 1932